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Edward L. Reinhardt
President

March 16, 2009

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PUBLIC UTILITIES
COMMISSION

The Honorable Chairman and Members of the
Hawaii Public Utilities Commission
Kekuanaoa Building, 1st Floor
465 South King Street
Honolulu, Hawaii 96813

Dear Commissioners:

Subject: Docket No. 2006-0387
MECO 2007 Test Year Rate Case
Calibration Factor Annual Report for Year 2008

Enclosed for filing is Maui Electric Company, Limited's ("MECO") annual calibration factor report for year 2008. This report is filed in accordance with the Stipulated Settlement Letter executed by MECO and the Division of Consumer Advocacy in this proceeding. The Stipulated Settlement Letter, filed with the Commission on December 7, 2007, states in paragraph 7 of Exhibit 1: "MECO agrees to file annual reports on its calibration factor."

Please call Dean Matsuura at 543-4622 if you have any questions regarding the enclosed report.

Sincerely,

Edward L. Reinhardt

Enclosure

cc: Division of Consumer Advocacy
Peter Y. Kikuta, Esq.
Thomas W. Williams, Jr., Esq.

Maui Electric Company, Limited
Annual Calibration Factor Report for Year 2008
March 16, 2009

1.0 Introduction

This document provides to the Hawaii Public Utilities Commission ("Commission") and the Division of Consumer Advocacy of the Department of Commerce and Consumer Affairs ("Consumer Advocate") the calibration factors for year 2008 in accordance with the Commission's Interim Decision & Order No. 23926 (filed December 21, 2007) and the stipulated settlement agreement in Docket No. 2006-0387, Maui Electric Company, Limited ("MECO") Test Year 2007 Rate Case. The calibration factor applies only to the Maui Division, as the Molokai and Lanai Divisions did not use production simulations in Docket No. 2006-0387 to determine system fuel consumption. Rather, system fuel consumption for the Molokai and Lanai Divisions was determined by using the estimated test year system heat rate derived from the average system heat rate over the five-year (2001-2005) period multiplied by the test year generation required to serve the load.

As discussed further below, the calibration factors for year 2008, based on recorded January through December 2008 data, are 1.036 system-wide, 1.034 for industrial fuel oil, and 1.037 for diesel fuel. The calibration factors previously calculated for MECO's 2007 Calibration Factor Report were 1.023 system-wide, 1.039 for industrial fuel oil, and 1.026 for diesel.

2.0 Background

2.1 Calibration Factor

The purpose of a calibration factor in the context of a rate case is to adjust the fuel consumption determined by a computer production simulation to account for actual operating conditions that are not accurately simulated by the computer model. The calibration factor is a constant number that can be greater than, equal to, or less than 1.00. The test year fuel consumption (in Btus) determined by the production simulation is multiplied by this factor.

2.2 Calibration Factor Issue

In HELCO's Test Year 2000 rate case, Docket No. 99-0207, HELCO used a revised calibration factor of 1.027 based on a calibration to 1999 actual production statistics. The calibration factor is a necessary adjustment to the results of the production simulation model to reflect the actual operation of the generating units in the real world. The Consumer Advocate opposed the use of a calibration factor. HELCO's position is set forth in its Opening Brief filed October 25, 2000 (pages 122-127) and

Reply Brief filed December 4, 2000 (pages 75-77) in Docket No. 99-0207, and the Consumer Advocate's position is set forth in its Opening Brief filed October 25, 2000 (pages 101-105) and Reply Brief filed December 4, 2000 (pages 40-43) in Docket No. 99-0207.

In its Decision & Order ("D&O") No. 18365, issued on February 8, 2001, on pages 18-19, in Docket No. 99-0207, the Commission ordered HELCO to file annual reports on HELCO's calibration factor.

2.3 Stipulated Settlement Letter for MECO Rate Case

In MECO's Test Year 2007 Rate Case in Docket No. 2006-0387, the Consumer Advocate stated in CA-T-2, page 20, "...I recommend that the Commission continue to require MECO, and the other utilities under its jurisdiction, to provide annual calibration reports."

In a Stipulated Settlement Letter from MECO and the Consumer Advocate (collectively referred to as the "Parties") submitted to the Commission on December 7, 2007, in Docket No. 2006-0387, the Parties agreed that MECO will file annual reports on MECO's calibration factor. As stated on pages 6 and 7 of the Stipulated Settlement Letter, "The Consumer Advocate recommended, however, that MECO continue to be required to provide annual calibration reports to allow the Commission and Consumer Advocate an opportunity to monitor the difference between the estimated and actual results produced from the use of the production simulation model. MECO agrees to file annual reports on its calibration factor".

This report is being filed in accordance with the Parties' Stipulated Settlement Letter and covers the 2008 calibration year.

3.0 Determination of the Calibration Factor - Analytical Methodology

A calibration factor is determined by using a computer model to simulate the operation of the utility production system for a recorded year, called the "calibration year," and determining the ratio between the computer model outputs and recorded amounts for the calibration year.

3.1 Production Simulation

MECO uses a computer model, called P-MONTH, supplied by the P Plus Corporation ("PPC"), to perform the production simulation. This model simulates the chronological, hour-by-hour operation of MECO's generation system by dispatching (i.e., mathematically allocating) the forecasted hourly kilowatt load among the available generating units.

Generating units in the model are represented as thermal units and fixed and hourly purchased energy transactions. An output report produced by the production simulation model lists the fuel consumption in MBtus and the energy in GWh of each thermal unit by month.

3.1.1 Thermal units

The units modeled as thermal units in P-MONTH are all MECO-owned generators at the Kahului and Maalaea generating stations. Unit commitment for these thermal units was based on a typical MECO unit commitment order. Dispatch levels for these thermal units are based on how MECO dispatched the units from their Automatic Generation Control ("AGC") system, direct operator control, and the desire to equalize operating hours to maximize maintenance cycle efficiency. The model calculates the fuel consumed using the unit dispatch described above, based on the load carried by the unit and the unit's efficiency characteristics. The total fuel consumed hourly by the MECO system is the summation of each unit's hourly fuel consumption.

MECO also owns two emergency diesel generating units at the Hana Substation. These units are represented in P-MONTH as a fixed energy transaction due to their limited and infrequent use. Therefore, they are not included with the daily commitment and dispatch of other MECO generating units. The generation from the Hana Distributed Generation ("DG") units reduces the load that must be served by the central station and IPP generating units. In December 2008, MECO completed a communication and controls project that enables the Hana units to be operated as dispatchable distributed generation. The completion of this project provides MECO with the means to operate the Hana generators in parallel to the system and as emergency units.

3.1.2 Fixed Energy Transactions

MECO has an existing power purchase contract with Hawaiian Commercial & Sugar Company ("HC&S") to purchase up to 16 MW of firm generating capacity. This purchased power is represented in P-MONTH as a fixed energy transaction. In addition, MECO purchases as-available generation from two Independent Power Producers, Kaheawa Wind Power, LLC ("KWP") and Makila Hydro LLC, ("Makila"[1]). These as-available power producers, consisting of a wind farm and a run-of-river hydro unit, respectively, are represented in the P-MONTH model as

[1] Makila Hydro was not operating for all of 2008. In 2006, Makila Hydro experienced equipment failure and became unavailable on October 15, 2006. Makila Hydro anticipates repairs to be completed in 2009 and resume energy production.

hourly purchase energy transactions. An energy transaction acts as a load modifier, which means that the load levels are reduced by the amount of energy that is produced and supplied by the generating facility to the utility.

The energy reduces the load levels before the utility thermal units are dispatched. Each transaction is represented by an average load level and actual MWh generated for each month. The average load level in each hour for each as-available unit is subtracted from the hourly system load profile in the model.

Wind farms and hydro units do not use fuel cost inputs and are not included in the total fuel consumption for the MECO system; therefore, they are not included in the calculation of the calibration factors.

3.1.3 Simulation Options

P-MONTH has two simulation options: (1) probabilistic, and (2) Monte Carlo. For reasons put forward and explained in MECO's Test Year 2007 Rate Case, Docket No. 2006-0387, MECO T-4, page 33, line 15, to page 34, line 4, it was determined that the Monte Carlo technique is better able to simulate the actual operation of the system in the calibration year. Based on this evaluation, MECO used the Monte Carlo option in determining the calibration factor for this report.

3.1.4 Calibration by Fuel Type

In addition to adopting the Monte Carlo option for this report, MECO also examined the ability of the model to capture the operation of the generating units by the two fuel types used by MECO – Industrial Fuel Oil ("IFO") and diesel fuel. In 2008, approximately 19% of MECO's generation was provided by the use of IFO and 81% by diesel fuel.

For reasons put forward and explained in MECO's Test Year 2007 Rate Case, Docket No. 2006-0387, MECO T-4, page 33, lines 7-14, two calibration factors are being used, one for each fuel type.

3.2 Calibration Factor Calculation

The production simulation results for the calibration year are compared to the actual recorded data for the calibration year and a calibration factor is derived using actual and simulated fuel consumption, energy generated and unit heat rates. The following sections provide an explanation of how the actual and simulated, fuel consumption, energy generation and unit heat rates are used when calculating the calibration factor. Actual data are taken from MECO production reports, which are shown in Appendix

A, Page 75. Simulated data are taken from P-MONTH monthly and yearly output reports which are a result of the production simulation.

3.2.1 Fuel Consumption

Actual fuel consumption for each unit is recorded on MECO production reports in barrels of diesel fuel and IFO consumed by MECO generating units. The actual amount of diesel fuel consumed is converted to MBtus by multiplying the barrels consumed by the average MBtu content of 5.86 MBtu/barrel.[2] The actual amount of industrial fuel consumed is converted to MBtus by multiplying the barrels consumed by the average MBtu content of 6.3 MBtu/barrel.[3] The actual amount of fuel consumed by MECO units in MBtus is the sum of the diesel fuel consumed and the IFO consumed and is used in calculating the actual system-wide heat rate explained in section 3.2.3.

The yearly report from P-MONTH production simulation displays the simulated fuel, in MBtus, consumed by each unit. The simulated amount of fuel consumed by MECO units is calculated by summing the MBtus consumed by all MECO-owned fossil-fuel units and is used in the calculation of the system-wide calibration factor. This is explained in more detail in section 3.2.4.

3.2.2 Energy

The actual net energy in kWh generated by each unit is recorded on MECO production reports. The calibration factor calculation uses the total net kWh (converted into MWh) generated by MECO-owned units not including the Kaheawa Wind Farm, Makila Hydro generating units, the HC&S generating units, and the DG units at the Hana substation. An explanation of how the calibration factor calculation uses the total net energy generated by the MECO-owned units is provided in section 3.2.3.

The yearly report from the P-MONTH production simulation lists the total net GWh generated by each unit for the calibration year. The simulated net energy generated is calculated by summing the GWh generated by all MECO-owned units not including the Kaheawa Wind Farm, the Makila unit, the HC&S units, and the DG units at the Hana substation. The GWh are converted into MWh for the calibration factor calculation. An

[2] Average MBtu content of 5.86 MBtu/bbl for diesel fuel is specified in the fuel delivery contracts with Chevron and Tesoro (MECO's two fuel suppliers). Fuel testing for MBtu content is done for each delivery to ensure specifications are adhered to by the fuel supplier.

[3] Average MBtu content of 6.3 MBtu/bbl for industrial fuel is specified in the fuel delivery contracts with Chevron and Tesoro (MECO's two fuel suppliers). Fuel testing for MBtu content is done for each delivery to ensure specifications are adhered to by the fuel supplier.

explanation of how the calibration factor calculation uses the simulated net energy generated by the MECO-owned units is explained in section 3.2.4.

3.2.3 Heat Rate

For the calibration factor calculation, the actual net heat rate using recorded values from the calibration year is calculated. The net heat rate, in Btu/kWh, is the fuel consumption divided by the total net energy and is used in calculating the calibration factor.

3.2.4 Calibration Factor

The calibration factor is the ratio between the actual heat rate and the simulated heat rate from the P-MONTH model for the calibration year. The simulated fuel consumption in MBtus from the production simulation (derived in section 3.2.1) is divided by the simulated net energy generated by the MECO-owned units from the production simulation (derived in section 3.2.2) to obtain the simulated heat rate. The actual heat rate is then divided by the simulated heat rate from the production simulation to obtain the calibration factor.

4.0 Results for Year 2008

The calibration factors for year 2008, based on recorded January through December 2008 data, are 1.036 system-wide, 1.034 for IFO generation and 1.037 for diesel fuel generation. The calibration factors previously calculated for MECO's 2007 Calibration Factor Report were 1.023 system-wide, 1.039 for industrial fuel oil, and 1.026 for diesel.

The worksheet showing the calculation of the 2008 Calibration Factor is shown in Table A-1 of Appendix A.

4.1 Specific Assumptions

The key inputs to the production simulation model, when applied to the MECO system, are as follows:

- energy and hourly load to be served by the MECO system,
- energy and hourly load to be served by firm and non-firm purchased power producers,
- load carrying capability of each MECO and firm power producer generating unit,
- efficiency characteristics of each MECO and firm power producer generating unit,
- calculated penalty factors used to commit MECO units,
- operating constraints such as must-run units or minimum energy purchases from purchased power producers,

- actual planned maintenance outages for the generating units,
- estimated forced and unplanned maintenance outages for the generating units, and
- inventory prices for fuels used by the generating units.

4.2 Differences between 2008 Modeled and Actual Results

The results from the production simulation were compared to the actual recorded energy and run time for the system. The net energy and run time comparisons are shown in Figures A-1 and A-2 of the Appendix, respectively. The largest deviations between the production simulation and actual results were in the cycling and peaking units. The noticeable differences include, but are not limited to, the following:

- The actual net energy for Kahului Unit 1 was slightly lower than in the production simulation;
- The actual net energy for the Maalaea Units 6 and 9 diesels was lower than in the production simulation;
- The actual net energy for the Maalaea Unit 5 (peaking) diesel was lower than in the production simulation; and
- The actual net energies and run times for the Maalaea peaking units (Maalaea Unit X2 and Units 1 through Unit 3) were higher than in the production simulation.

4.3 Reasons for Differences in 2008 Modeled and Actual Results

The actual operating conditions of the utility system are simulated in the computer model as accurately as possible; however, there are some operating conditions that cannot be accurately simulated in the model. Whenever there is a difference between actual and modeled operation, there will likely be a difference between actual and modeled production statistics. The operating conditions that cannot be accurately simulated by the computer model include, but are not limited to, those identified in MECO's Direct Testimony, T-4, page 31-35, in Docket No. 2006-0387. In summary, these include:

- temporary unit deratings
- changes in unit commitment order
- unpredictable nature of intermittent, as-available resources
- actual system conditions
- changes in penalty factors updated every 15-minutes
- actual system load
- steam turbine and combustion turbine performance

4.3.1 Temporary Unit Deratings

Not all actual unit deratings that occurred in the calibration year are reflected in the production simulation. Deratings are not reflected in the model unless they are sustained for the majority of the month. If a unit is derated at various levels during a month, the average MW level of the derating is used in the production simulation. For example, HC&S's actual MW level was not constant at 12 MW for all on-peak hours and 8 MW for all off-peak hours in 2008. HC&S was modeled using their average MW level for each month.

4.3.2 Changes in Unit Commitment Order

Not all changes in unit commitment that occurred in the calibration year can be reflected in the production simulation. There are several reasons why changes in unit commitment order occurred in 2008. These reasons include, but are not limited to, the following:

a. A unit which has a problem with a piece of auxiliary equipment, such as a tube leak, may be placed at the bottom of the commitment order to reduce the risk of failure;

b. Operational constraints on the system requiring generation to be operated differently to avoid transmission component overload or provide voltage support and/or reduce risk conditions during poor weather or other dynamic situations such as the behavior of as-available energy production;

c. Planned or unplanned outage of a generating unit low in the commitment order; including independent power producers, can alter the remaining commitment order even to the point of making an intermediate unit operate as a baseload unit.

Steps are taken to minimize differences between actual and modeled operations attributable to the unit commitment order. In instances where it is known that actual operations deviate from the typical commitment order due to operational reasons, an adjustment is made in the modeling.

4.3.3 Actual System Conditions

There were many unpredictable events that occurred in 2008 that the production simulation could not accurately simulate. These events include, but are not limited to, the following

a. The planned outage schedules for all the MECO thermal units are input in the computer model. Unplanned maintenance outages are incorporated into the computer model as a percentage of time over the entire year. The P-MONTH computer model has the capability of automatically scheduling unplanned maintenance outages for all the thermal units based on the maintenance outage rate ("MOR"). However, the MOR is rounded to the nearest week and scheduled as one block of time. For example, an MOR of 1.11% is equivalent to 4 days, but the computer model will round this to 1 week or 7 days.

   For future production simulations, the automatic maintenance scheduling model will be used along with a historical MOR to account for future unplanned outages. Therefore, the methodology used to account for unplanned scheduled outages in the calibration year is consistent with the methodology that would be used for a forward-looking year.

b. Actual forced outage events, partial and full outages, are incorporated into the computer model using the FOR percentage over the entire year. Therefore, the modeled forced outages may not occur at the same times or for the same durations as the actual outages. This will result in some differences in unit dispatch between modeled and actual results. For large forced outage events, the actual outage was input into the model and the FOR percentage was recalculated to reflect this modification.

c. The production simulation includes an amount of regulating reserve, as identified in MECO's Test Year 2007 Rate Case, Docket No. 2006-0387, MECO T-4, page 27. Under normal operating conditions, MECO carries about a 15 MW regulating reserve. As stated in MECO's Test Year 2007 Rate Case, MECO T-5, page 8, "...MECO decided to use 8 MW as an average level of regulating reserve required to cover KWP. The 8 MW plus the 7 MW of base regulating reserve results in 15 MW of total regulating reserve. In reality, there may have been instances when there was more or less reserve at any given hour than what was captured in the model. During times of high as-available (wind) production, MECO may maintain a larger amount of reserve, up to the amount of as-available energy production in order to maintain reliable service to customers as wind power output fluctuates.

d. As-available energy from wind and hydro units in actuality can vary from minute-to-minute, hour-to-hour, and day-to-day. As described in section 3.1.2, the as-available energy is treated as an hourly transaction in the model, so the variability by minute, is not captured

by the production simulation. Although the as-available energy is not included in the calculation of the calibration factor itself, it does impact the generation of the firm units which are used to calculate the calibration factor.

5.0 Observation

Differences in system operating conditions affect the calibration factor from year to year as reviewed in section 4.3.

Similar to the 2007 Calibration Factor Report, the larger calibration factor derived for 2008 can be attributed in large part to the unpredictable nature of the wind power output, which varies from second to second. The production simulation model does not have the capability to capture or simulate this random variability or the generating units' actions to compensate for the wind power fluctuations.

6.0 Future Calibration Factors

As noted in Section 4.3 above, the model cannot simulate the minute-to-minute output variations of intermittent, as-available resources. As the amount of as-available resources (such as wind and photovoltaic resources) on the grid increases, the numerical value of the calibration factor is likely to increase. This is because system fuel efficiency will likely decrease in a way that the model cannot accurately capture. The fuel efficiencies of the generating units over their load range are determined by field tests under steady-state conditions. Under actual, dynamic conditions, where the generating units are continuously ramping up and down on a minute-to-minute basis to counteract the fluctuating outputs of the as-available generating units in order to keep supply and demand in balance, the fuel efficiencies of the generating units will be lower than under steady-state conditions. The model will not be able to accurately capture this and the difference between modeled fuel consumption and actual fuel consumption will be larger compared to when there is little as-available generation on the grid.

APPENDICES

A. Calibration Year 2008 Workpapers

Table A-1

2008 PRODUCTION SIMULATION - CALIBRATION RUN

Kahului					
Actual Net MWH	=	203,085			
Actual MBTU	=	2,933,936			
Actual Net Heat Rate	=	14,447	BTU/kWh		
Simulated Net MWH	=	204,015			
Simulated MBTU	=	2,850,000			
Simulated Net Heat Rate	=	13,970	BTU/kWh		
MSFO Calibration Factor	=	Actual Heat Rate / Simulated Heat Rate			
	=	14,447	/	13,970 =	**1.034**

Maalaea					
Actual Net MWH	=	843,328			
Actual MBTU	=	7,779,437			
Actual Net Heat Rate	=	9,225	BTU/kWh		
Simulated Net MWH	=	842,256			
Simulated MBTU	=	7,489,700			
Simulated Net Heat Rate	=	8,892	BTU/kWh		
Diesel Calibration Factor	=	Actual Heat Rate / Simulated Heat Rate			
	=	9,225	/	8,892 =	**1.037**

TOTAL SYSTEM					
Actual Net MWH	=	1,046,413			
Actual MBTU	=	10,713,372			
Simulated Net MWH	=	1,046,271			
Simulated MBTU	=	10,339,700			
Actual Net Heat Rate	=	10,238	BTU/kWh		
Simulated Net Heat Rate	=	9,882	BTU/kWh		
Proposed Calib. Factor	=	Actual Heat Rate / Simulated Heat Rate			
	=	10,238	/	9,882 =	**1.036**

Table A-2a

COMPARISON OF PMONTH TO ACTUALS

2008 CALIBRATION

HEAT RATE (Btu/kWh)

	KAHULUI			MAALAEA		
	Pmonth 2008	RECORDED	% DIFF	Pmonth 2008	RECORDED	% DIFF
Jan	13.709	14.462	-5.21%	8.870	9.260	-4.20%
Feb	13.765	14.208	-3.12%	8.819	9.106	-3.15%
Mar	13.802	14.205	-2.83%	8.876	9.304	-4.60%
Apr	13.912	14.098	-1.32%	8.904	9.116	-2.32%
May	13.819	14.167	-2.46%	8.924	9.111	-2.05%
Jun	14.347	14.766	-2.84%	8.795	9.175	-4.14%
Jul	14.531	14.898	-2.46%	8.825	9.087	-2.89%
Aug	14.004	14.506	-3.46%	8.891	9.172	-3.06%
Sep	13.912	14.485	-3.96%	8.872	9.165	-3.20%
Oct	13.911	14.494	-4.02%	8.829	9.201	-4.04%
Nov	14.124	14.648	-3.58%	9.123	9.552	-4.48%
Dec	13.999	14.466	-3.23%	9.013	9.489	-5.01%
Total	13.970	14.447	-3.30%	8.892	9.224	-3.60%

Table A-2b

COMPARISON OF PMONTH TO ACTUALS
2008 CALIBRATION

Unit	2008 PMONTH	2008 ACTUAL	Difference MWH	Difference %	% of Net Gen PMONTH	% of Net Gen ACTUAL	% of Net Gen DIFF
Kahului1	16,363	15,433	931	6%	1.31%	1.24%	0.07%
Kahului2	23,912	23,446	466	2%	1.92%	1.88%	0.04%
Kahului3	74,386	73,712	674	1%	5.96%	5.91%	0.05%
Kahului4	89,354	90,494	-1,140	-1%	7.16%	7.26%	-0.09%
MaalaeaX1	2,103	2,014	89	4%	0.17%	0.16%	0.01%
MaalaeaX2	1,900	2,978	-1,078	-36%	0.15%	0.24%	-0.09%
Maalaea1	1,593	2,907	-1,314	-45%	0.13%	0.23%	-0.11%
Maalaea2	1,284	2,224	-940	-42%	0.10%	0.18%	-0.08%
Maalaea3	1,168	2,767	-1,599	-58%	0.09%	0.22%	-0.13%
Maalaea4	9,582	9,146	436	5%	0.77%	0.73%	0.04%
Maalaea5	2,630	2,204	426	19%	0.21%	0.18%	0.03%
Maalaea6	6,644	5,749	895	16%	0.53%	0.46%	0.07%
Maalaea7	1,218	1,434	-216	-15%	0.10%	0.11%	-0.02%
Maalaea8	9,556	9,355	201	2%	0.77%	0.75%	0.02%
Maalaea9	3,164	2,530	634	25%	0.25%	0.20%	0.05%
Maalae10	35,599	36,834	-1,235	-3%	2.85%	2.95%	-0.10%
Maalae11	27,137	27,179	-42	0%	2.18%	2.18%	0.00%
Maalae12	35,446	34,876	570	2%	2.84%	2.80%	0.05%
Maalae13	37,238	38,991	-1,753	-4%	2.99%	3.13%	-0.14%
M141516	347,764	347,445	319	0%	27.88%	27.86%	0.03%
M171819	318,230	314,696	3,534	1%	25.52%	25.23%	0.29%
HC&S (IPP)	91,923	91,916	7	0%	7.37%	7.37%	0.00%
KWP (IPP)	108,979	108,987	-8	0%	8.74%	8.74%	0.00%
TOTAL	1,247,173	1,247,316	-143	0%	100.00%	100.00%	0.00%

Figure A-1
COMPARISION OF PMONTH TO ACTUALS
NET ENERGY IN GWH

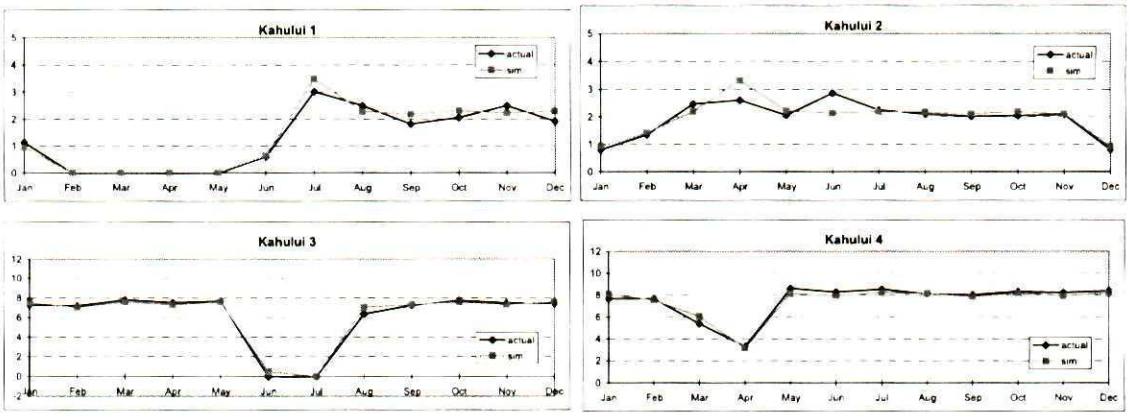


Figure A-1 (continued)
COMPARISION OF PMONTH TO ACTUALS
NET ENERGY IN GWH

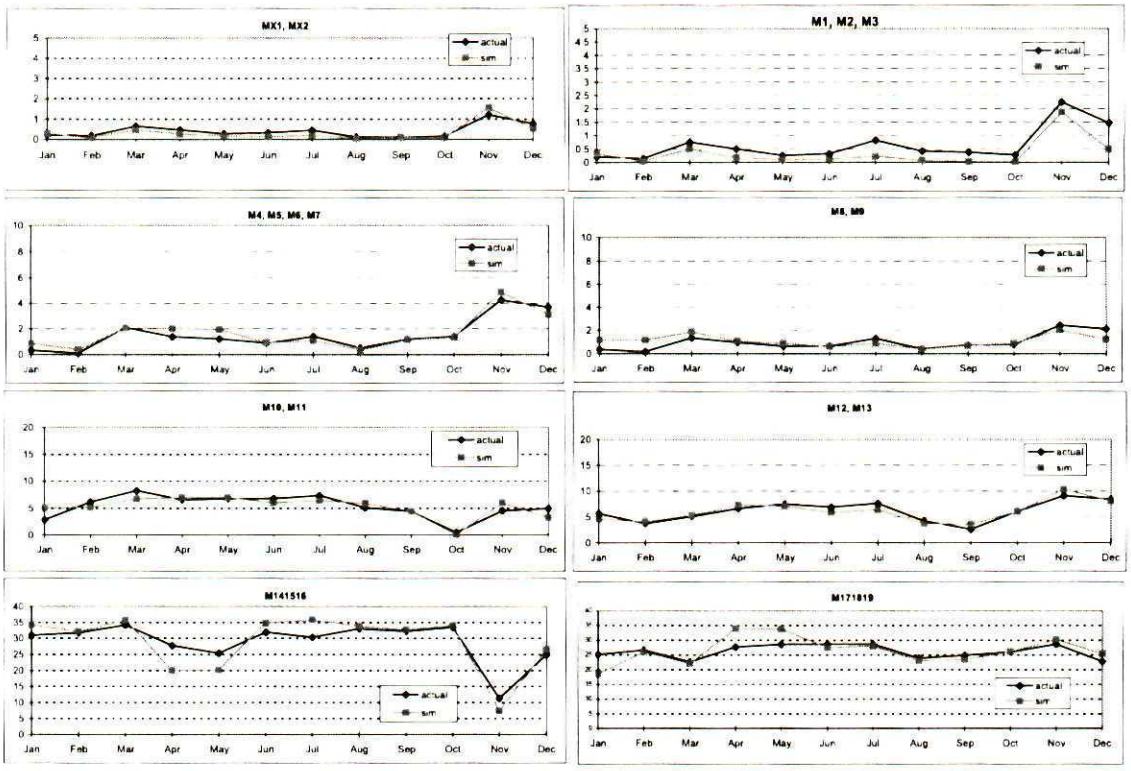


Figure A-2
COMPARISION OF PMONTH TO ACTUAL
RUNTIME IN HOURS

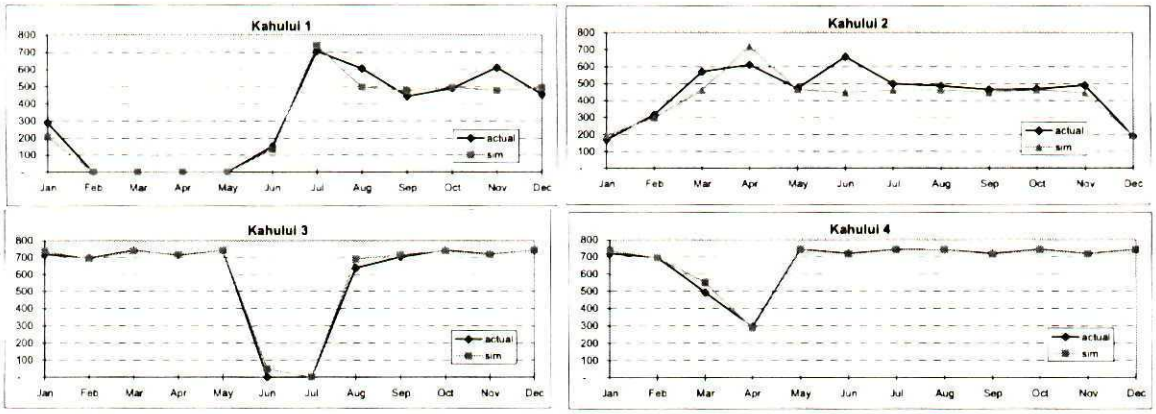
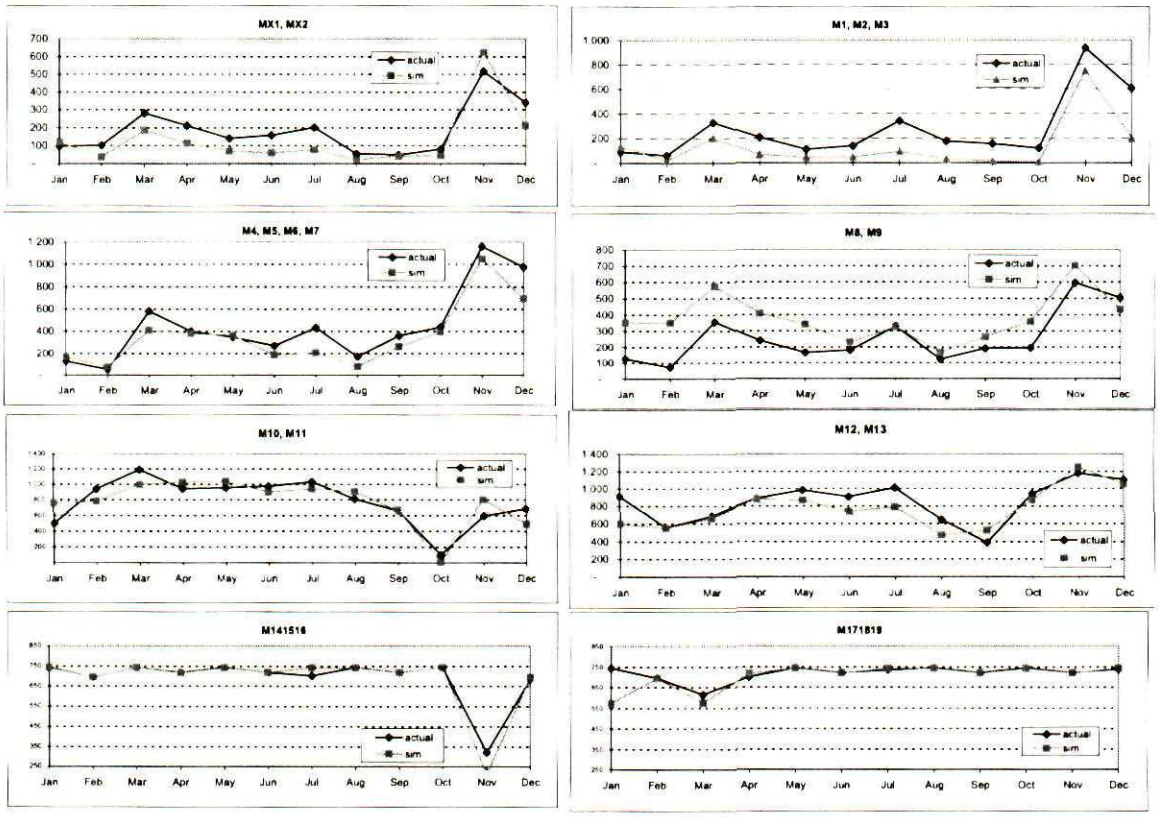


Figure A-2 (continued)
COMPARISION OF PMONTH TO ACTUAL
RUNTIME IN HOURS



Maui Electric Company, Limited

2008 PRODUCTION SIMULATION - CALIBRATION

Yearly Output

PPC Proprietary Program Licensed to HECO Till 12/2099 HECO PMONTH V.20081013
2008 MECO Calibration Factor Report Page: 1
03/13/09 14:25:34

Case Name: calibration2008
Simulation Period: 2008/ 1 - 2008/12

File	Name
Study Data:	calibration2008.stu
Report Control:	calibration2008.rfc
Area Data:	calibration2008.ara
Plant Data:	calibration2008.plt
Fuel Class Data:	calibration2008.fcl
Spot Fuel Data:	calibration2008.sfu
Contract Fuel Data:	
Thermal Basic Data:	calibration2008.uba
Thermal Cost Data:	calibration2008.ucs
Thermal Performance Data:	calibration2008.upf
Thermal NOx Data:	
Hourly Pattern # 17:	ptn17.hcp
Hourly Pattern # 18:	ptn18.hcp
Hourly Pattern # 19:	ptn19.hcp
Hourly Pattern # 20:	ptn20.hcp
Hydro Data:	
Pumped Storage Data:	
Fixed Energy Transaction Data:	calibration2008.trf
Hourly Transaction # 5:	ptn5.htr
Hourly Transaction # 6:	ptn6.htr
Economy Transaction Data:	
DSM Data:	
Monte Carlo Scenario Data:	calibration2008.mcs
Thermal Maintenance Data:	calibration2008.umt
Hydro Maintenance Data:	
P-S Maintenance Data:	
Load Data:	calibration2008.eei
CC Data #1:	calibration2008.cc1
CC Data #2:	calibration2008.cc2
CC Data #3:	calibration2008.cc3
CC Data #4:	
CC Maintenance Data:	calibration2008.cmt
Quick Load Pick Up Curve Data:	
Spinning Reserve Data:	calibration2008.spn

Maui Electric Company, Limited

2008 PRODUCTION SIMULATION - CALIBRATION

Yearly Output (continued)

PPC Proprietary Program Licensed to HECO Till 12/2099 HECO PMONTH V.20081013
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Monthly system Load and Capacity Summary

Mnth	Peak Load MW	Mnthly Energy GWh	Load Factor %	Installed Capacity MW	Maint outage MW	Adjusted Capacity MW	Capacity Reserve MW	Capacity Reserve %
Jan	194.4	103.1	71.3	232.4	5.5	226.9	32.5	16.72
Feb	192.8	98.2	73.2	232.4	10.2	222.2	29.4	15.25
Mar	191.8	106.8	74.8	232.4	17	215.4	23.6	12.29
Apr	187.1	102	75.7	220.1	22.1	198	10.9	5.85
May	186.8	106.8	76.8	220.1	4.7	215.4	28.6	15.33
Jun	188.4	104.7	77.2	231.9	19	212.9	24.5	13.01
Jul	191.6	112.6	79	231.9	19	212.9	21.3	11.14
Aug	189.8	108.8	77	229.2	8	221.2	31.4	16.56
Sep	184.4	101.2	76.2	225.8	8.8	217	32.6	17.66
Oct	189.1	104.7	74.4	229.2	8.8	220.4	31.3	16.57
Nov	187.5	98.5	73	220.3	24.3	195.9	8.4	4.5
Dec	188.1	100.1	71.5	224.7	4.8	219.9	31.8	16.9

Summary for Period:

Pea k Load	(MW):	194.4
Tot al Energy	(GWh):	1247.51
Loa d Factor	(%):	73.06

Month	AM Peak (MW)	PM Peak (MW)	Capacity (MW)	Maint. (MW)	Reserve (MW)	Largest (MW)	LSC (MW)	Diff. (MW)
Jan	169.8	194.4	232.4	5.5	32.5	54.6	172.3	-22.1
Feb	167.6	192.8	232.4	10.2	29.4	54.6	167.6	-25.2
Mar	173.3	191.8	232.4	17	23.6	54.6	160.8	-31
Apr	176.4	187.1	220.1	22.1	10.9	54.6	143.5	-43.6
May	178.7	186.8	220.1	4.7	28.6	54.6	160.8	-26
Jun	183.8	188.4	231.9	19	24.5	54.6	158.3	-30.1
Jul	184.9	191.6	231.9	19	21.3	54.2	158.8	-32.8
Aug	183.8	189.8	229.2	8	31.4	54.2	167	-22.8
Sep	174.5	184.4	225.8	8.8	32.6	54.2	162.8	-21.6
Oct	174.4	189.1	229.2	8.8	31.3	54.2	166.3	-22.8
Nov	170.1	187.5	220.3	24.3	8.4	51.4	144.5	-43
Dec	163.9	188.1	224.7	4.8	31.8	54	165.9	-22.2

Maui Electric Company, Limited

2008 PRODUCTION SIMULATION - CALIBRATION

Yearly Output (continued)

PPC Proprietary Program Licensed to HECO Till 12/2099 HECO PMONTH V 20081013
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Station Summary

Station	Capacity MW	Unit	Hours	CF %	Energy GWh	MBtu k	Cold Start	Warm Start	Stup Cst M$	Fuel Cst M$	VO&M Cst M$	FO&M Cst M$	Oper Cst $/MWh	Tot Cst $/MWh	Ave Hrt Btu/kWh
1 Kahului1	4.7	1	3518.3	39.53	16.362	252	168	0	0	4.0973	0.0244	1.3542	249.5	334.67	15404
2 Kahului2	4.8	1	5059	57.16	23.914	381.3	290	0	0	5.8277	0.036	1.3314	242.54	300.87	15943
3 Kahului3	11	1	7283	77.08	74.385	978	2	0	0	15.0383	0.0975	1.2618	203.35	220.44	13148
4 Kahului4	11.9	1	8119.9	85.58	89.354	1238.8	2	0	0	19.051	0.1257	1.2809	214.52	228.95	13864
7 MaalaeX1	2.5	1	841.6	9.58	2.104	21.8	154	0	0	0.5055	0.0259	0.3988	250.85	442.06	10361
8 MaalaeX2	2.5	1	760.1	8.65	1.9	19.7	162	0	0	0.4652	0.0234	0.3988	255.09	466.94	10373
9 Maalaea1	2.5	1	637.5	7.25	1.594	16.5	130	0	0	0.3885	0.0196	0.3988	254.17	506.28	10369
10 Maalaea2	2.5	1	513.1	5.84	1.283	13.3	103	0	0	0.3086	0.0158	0.3988	250.97	563.66	10368
11 Maalaea3	2.5	1	467.2	5.32	1.168	12.1	90	0	0	0.2845	0.0144	0.3988	254.02	597.21	10365
12 Maalaea4	5.5	1	2013.1	19.79	9.583	96.7	300	0	0	2.3479	0.0606	0.5489	247.45	308.62	10094
13 Maalaea5	5.5	1	616.1	5.45	2.631	31.4	112	0	0	0.7392	0.0181	0.5489	282.7	496.49	11923
14 Maalaea6	5.5	1	1421.1	13.72	6.645	69.2	242	0	0	1.5875	0.0426	0.5489	241.07	327.93	10408
15 Maalaea7	5.5	1	228.7	2.52	1.218	13.1	64	0	0	0.3018	0.0071	0.5489	247.48	704.28	10793
16 Maalaea8	5.5	1	3255.5	19.84	9.555	103.5	381	0	0	2.4315	0.1317	0.4381	255.72	314.12	10836
17 Maalaea9	5.5	1	1255.6	6.57	3.164	37.8	243	0	0	0.8988	0.0503	0.4381	275.76	438.39	11936
18 Maalae10	12.3	1	5197.9	32.82	35.598	345.7	337	0	0	8.4856	0.4775	0.5434	241.33	267.05	9710
19 Maalae11	8.8	1	4143.9	35.06	27.137	265.1	360	0	0	6.3728	0.38	0.5434	234.68	268.87	9770
20 Maalae12	12.3	1	5490.1	32.68	35.447	354.2	411	0	0	8.5239	0.5032	0.5434	248.7	270	9991
21 Maalae13	12.3	1	3767.5	34.82	37.236	358.7	363	0	0	8.6578	0.3521	0.5434	237.04	256.56	9632
1 M141516	54.2	1	8217.4	75.84	347.764	3006	30	0	0	73.9002	1.9986	2.5799	218.23	225.67	8644
2 M171819	54.6	1	8429.8	68.57	318.231	2724.5	242	0	0	66.4534	1.685	2.5799	213.83	222.22	8562
System					1046.273	10339	4186	0	0	226.6669	6.0896	17.6276	220.87	239.31	9882

Maui Electric Company, Limited

2008 PRODUCTION SIMULATION - CALIBRATION

Yearly Output (continued)

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Transaction Summary

ID	Transaction	Type	Energy GWh	Engy Cost M$	CAP Cost M$	Total Cost M$	Ave Cost $/MWh
3	HCS_ON	ON-PEAK P	59.389	0	0	0	0
4	HCS_OFF	OFF-PEAK P	32.532	0	0	0	0
5	KWPON	HOURLY PI	60.65	0	0	0	0
6	KWPOFF	HOURLY PI	48.329	0	0	0	0
15	HANA	ON-PEAK P	0.051	0	0	0	0

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Fiscal Year: 2008

Fuel Type Summary

	Type	Energy GWh	Fuel ,000	Fuel Unit	MBtu ,000	Fuel Cost M$	Fuel Cost $/MWh	Heat Rate Btu/kWh	Fuel Cost C/MBtu
S	pot:								
1	Kahului	204.016	452.398	Bbl	2850.1	44.0143	215.74	13970	1544.3
2	Maalaea	842.257	1276.294	Bbl	7489.3	182.6526	216.86	8892	2438.85

Fuel Class Summary

	Class	Energy GWh	Fuel ,000	Fuel Unit	MBtu ,000	Fuel Cost M$	Fuel Cost $/MWh	Heat Rate Btu/kWh	Fuel Cost C/MBtu
1	MSFO	204.016	452.398	Bbl	2850.1	44.0143	215.74	13970	1544.3
2	Diesel	842.257	1276.294	Bbl	7489.3	182.6526	216.86	8892	2438.8

Maui Electric Company, Limited

2008 PRODUCTION SIMULATION - CALIBRATION

Yearly Output (continued)

PPC Proprietary Program Licensed to HECO Till 12/2099 HECO PMONTH V.20081013
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Fiscal Year: 2008

System Energy and Cost Summary

	Demand GWh	Cost M$	Cost $/MWh		Supply GWh	Cost M$	Cost $/MWh
Load:	1247.51			Therml Gen:	1046.27	250.3841	239.31
				Hydro Gen:	0	0	0
P-S Pumping:	0			P-S Gen:	0	0	0
P-S Payback:	0						
F. E. Sale:	0	0	0	F. E. Purc:	200.95	0	0
Econ. Sale:	0	0	0	Econ. Purc:	0	0	0
Unit Sale:	0	0	0				
Transm Loss:	0			Rej. Fuel:		0	
Dsm Load:	0			Dsm Reductn	0		
				Emerg Purc:	0	0	0
Dumped Engy	0	0	0	E.U. Energy:	0.28	0.2799	1000
				Lvl Cost:		0	
Total:	1247.51	0	0	Total:	1247.5	250.664	200.93
				System Net:		250.664	200.93
				LOLH(hr):	39.3		

PPC Proprietary Program Licensed to HECO Till 12/2099 HECO PMONTH V.20081013
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Fiscal Year: 2008

Plant Summary

	Plant	CF %	Energy GWh	MBtu 1000	Start Ups	Stup Cst M$	Fuel Cst M$	O&M Cst M$	Tot Cst $/MWh
1	Kahului	71.8	204.0155	2850.1	463	0	44.0143	5.5118	242.76
2	Maalaea	29.2	842.2574	7489.3	3723	0	182.6526	18.2053	238.48

Fiscal Year: 2008

Yearly Fuel & Var O&M Cost by Subperiod (M$)

Off Peak	Shoulder Pea	Priority Peak	Total
74.059441	111.74313	46.953945	232.75652

Study Period: 2008/Jan - 2008/Dec
Total Fuel & Var O&M Cost by Subperiod (M$)

Off Peak	Shoulder Peak	Priority Peak	Total
74.059441	111.743126	46.953945	232.756516

System Study Summary

YR	PRD	Exec Flag	UC Flag	LoadBand pc	LoadBand MW	SpinRsv pc	SpinRsv MW	MargCost	MargCost Incr	FixDisp Incr	MC Option	EUE Cost	EUE CostEsc	Dump Cost	Dump CostEsc	Nox	Sox	CO2	ROG	Other	Num WkDay	WDPk Hrl	WDPk Hrn	WEPk Hrl	WEPk Hrn	I26	X31
2008	1	0	1	0	0	0	0	0	0	1	1	1000	0	0	0	0	0	0	0	0	7	7	20	1	4	0	0

Report Control Summary

YR	PRD	FiscalYr	PrdCntrl	YrCntrl	AllocFile	StnRept	PltRept	AreaRept	PSRept	DistRept	HrlnfFile	MonInfFile	YrInfFile	126
2008	1	12	2	0	0	1	1	0	0	1	1	1	1	0

Area Summary

ID	NAME	YR	PRD	SpinRsv pc	SpinRsv MW	LdAdj pc	LdAdj MW	Tie MW	Tie Cost	Tie CostExc
1	maui	2008	1	0	0	0	0	0	0	0

Plant Summary

ID	NAME	YR	PRD	X31	X32	X33	X34	X35
1	Kahului	2008	1	0	0	0	0	0
2	Maalaea	2008	1	0	0	0	0	0

Fuel Class Summary

ID	NAME	YR	PRD	FuelUnit
1	MSFO	2008	1	1
2	Diesel	2008	1	1

Spot Fuel Summary

ID	NAME	YR	PRD	FuelClass	FuelCost	CmtCost	CostEsc	HeatCont	Sox	CO2	ROG	Other
1	Kahului	2008	1	1	1352.174	0	0	6.3	0	0	0	0
1	Kahului	2008	2	1	1421.866	0	0	6.3	0	0	0	0
1	Kahului	2008	3	1	1397.743	0	0	6.3	0	0	0	0
1	Kahului	2008	4	1	1303.287	0	0	6.3	0	0	0	0
1	Kahului	2008	5	1	1358.400	0	0	6.3	0	0	0	0
1	Kahului	2008	6	1	1408.616	0	0	6.3	0	0	0	0
1	Kahului	2008	7	1	1468.719	0	0	6.3	0	0	0	0
1	Kahului	2008	8	1	1651.404	0	0	6.3	0	0	0	0
1	Kahului	2008	9	1	1854.300	0	0	6.3	0	0	0	0
1	Kahului	2008	10	1	1745.674	0	0	6.3	0	0	0	0
1	Kahului	2008	11	1	1693.653	0	0	6.3	0	0	0	0
1	Kahului	2008	12	1	1417.288	0	0	6.3	0	0	0	0
2	Maalaea	2008	1	2	2041.583	0	0	5.868	0	0	0	0
2	Maalaea	2008	2	2	2254.284	0	0	5.868	0	0	0	0
2	Maalaea	2008	3	2	2246.045	0	0	5.868	0	0	0	0
2	Maalaea	2008	4	2	2139.395	0	0	5.868	0	0	0	0
2	Maalaea	2008	5	2	2435.048	0	0	5.868	0	0	0	0
2	Maalaea	2008	6	2	2590.564	0	0	5.868	0	0	0	0
2	Maalaea	2008	7	2	2824.572	0	0	5.868	0	0	0	0
2	Maalaea	2008	8	2	3022.618	0	0	5.868	0	0	0	0
2	Maalaea	2008	9	2	2935.215	0	0	5.868	0	0	0	0
2	Maalaea	2008	10	2	2545.533	0	0	5.868	0	0	0	0
2	Maalaea	2008	11	2	2424.967	0	0	5.868	0	0	0	0
2	Maalaea	2008	12	2	2294.674	0	0	5.868	0	0	0	0

Thermal Basic Summary

ID	NAME	YR	PRD	Area ID	Plant ID	Units	Ht Pattern	Branching	Firm	OpType	Quick	Derate	EnglAt Cat	Ramp Rate	Down Time	Up Time	SpinRsv	Ownership	CatCost Ftr	CatEmis Ftr	DapCost Ftr	DapEmis Ftr	Scrub Eff	Util Resr
1	Kahului	2008	1	1	1	1	17	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
2	Kahului	2008	1	1	1	1	20	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
3	Kahului	2008	1	1	1	1	17	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
4	Kahului4	2008	1	1	1	1	17	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
7	MauiwxX1	2008	1	1	1	1	0	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
8	MauiwxX2	2008	1	1	1	1	0	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
9	Maliawi	2008	1	1	2	1	0	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
10	Maliawi	2008	1	1	2	1	0	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
11	Maliawi	2008	1	1	2	1	0	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
12	Maliawi4	2008	1	1	2	1	14	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
13	Maliawi5	2008	1	1	2	1	14	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
14	Maliawi	2008	1	1	2	1	14	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
15	Maliawi	2008	1	1	2	1	14	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
16	Maliawi8	2008	1	1	2	1	14	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
17	Maliawi9	2008	1	1	2	1	14	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
18	Maliwi10	2008	1	1	2	1	0	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
19	Maliwi11	2008	1	1	2	1	0	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
20	Maliwi12	2008	1	1	2	1	0	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1
21	Maliwi13	2008	1	1	2	1	0	0	0	4	0	0	0	9999.9	1	1	0	100	1	0	1	0	0	1

Thermal Cost and Variable Summary

ID	NAME	YR	PRD	SpotFuel	Start Fuel	Start BTU	StnEng	VarOM	FixOM	Fix Start	CapCost	VarOM Esc	FixOM Esc	Cost Cmt	Dsp Pnlty	Cmt Pnlty	Trnsm Loss	Start Cost	HrVarOM	I26	X31	X32
1	Kahului1	2008	1	1	1	14	0	1.46392	112846.4	0	0	0	0	1	0.5	0.5	1	0	0.143691	0	0	0
2	Kahului2	2008	1	1	1	14	0	1.47587	110949.5	0	0	0	0	1	0.5	0.5	1	0	0.143691	0	0	0
3	Kahului3	2008	1	1	1	240	0	1.2964	105146.1	0	0	0	0	1	0.5	0.5	1	0	0.143691	0	0	0
4	Kahului4	2008	1	1	1	280	0	1.39341	106745.3	0	0	0	0	1	0.5	0.5	1	0	0.143691	0	0	0
7	MaalaeX1	2008	1	2	2	1	0	0.52462	33230.6	0	0	0	0	1	0.5	1.0	1	0	29.43234	0	0	0
8	MaalaeX2	2008	1	2	2	1	0	0.52462	33230.6	0	0	0	0	1	0.5	1.0	1	0	29.43234	0	0	0
9	Maalaea1	2008	1	2	2	1	0	0.52462	33230.6	0	0	0	0	1	0.5	1.0	1	0	29.43234	0	0	0
10	Maalaea2	2008	1	2	2	1	0	0.52462	33230.6	0	0	0	0	1	0.5	1.0	1	0	29.43234	0	0	0
11	Maalaea3	2008	1	2	2	1	0	0.52462	33230.6	0	0	0	0	1	0.5	1.0	1	0	29.43234	0	0	0
12	Maalaea4	2008	1	2	2	5	0	1.62722	45743.4	0	0	0	0	1	1.0	1.0	1	0	22.46572	0	0	0
13	Maalaea5	2008	1	2	2	5	0	1.62722	45743.4	0	0	0	0	1	2.0	1.0	1	0	22.46572	0	0	0
14	Maalaea6	2008	1	2	2	5	0	1.62722	45743.4	0	0	0	0	1	1.0	1.0	1	0	22.46572	0	0	0
15	Maalaea7	2008	1	2	2	5	0	1.62722	45743.4	0	0	0	0	1	1.0	1.0	1	0	22.46572	0	0	0
16	Maalaea8	2008	1	2	2	13	0	0.8734	36509.4	0	0	0	0	1	2.0	1.0	1	0	37.89162	0	0	0
17	Maalaea9	2008	1	2	2	13	0	0.8734	36509.4	0	0	0	0	1	1.5	1.1	1	0	37.89162	0	0	0
18	Maalae10	2008	1	2	2	44	0	0.52632	45285.2	0	0	0	0	1	1.7	1.0	1	0	88.26506	0	0	0
19	Maalae11	2008	1	2	2	44	0	0.52632	45285.2	0	0	0	0	1	2.0	1.1	1	0	88.26506	0	0	0
20	Maalae12	2008	1	2	2	21	0	0.52632	45285.2	0	0	0	0	1	2.5	1.0	1	0	88.26506	0	0	0
21	Maalae13	2008	1	2	2	21	0	0.52632	45285.2	0	0	0	0	1	1.0	1.0	1	0	88.26506	0	0	0

Thermal Performance Summary

ID	NAME	YR	PRD	HROption	FOR	MOR	MinLdHR	Cap1	HR1	Cap2	HR2	Cap3	HR3	Cap4
1	Kahului1	2008	1	1	0.000	0.100	0	2.25	9.480	3.070	11.803	5.890	0.337	4.71
1	Kahului1	2008	4	1	0.000	0.100	0	2.25	9.480	3.070	11.803	5.890	0.337	4.71
1	Kahului1	2008	7	1	0.000	0.100	0	2.25	11.283	3.070	13.510	5.890	0.444	4.71
1	Kahului1	2008	12	1	0.000	0.100	0	2.25	9.141	3.070	11.568	5.890	0.217	4.71
2	Kahului2	2008	1	1	0.001	0.047	0	2.29	12.195	3.113	14.445	6.937	0.544	4.76
2	Kahului2	2008	4	1	0.001	0.047	0	2.29	15.502	3.113	6.995	6.937	1.105	4.76
2	Kahului2	2008	5	1	0.001	0.047	0	2.29	3.920	3.113	13.867	6.937	0.231	4.76
2	Kahului2	2008	9	1	0.001	0.047	0	2.29	9.504	3.113	11.872	6.937	0.187	4.76
2	Kahului2	2008	11	1	0.001	0.047	0	2.29	10.138	3.113	9.911	6.937	0.414	4.76
3	Kahului3	2008	1	1	0.015	0.002	0	6.58	55.994	8.047	9.054	9.513	0.444	10.98
3	Kahului3	2008	2	1	0.015	0.002	0	6.58	55.994	8.047	9.054	9.513	0.444	10.98
3	Kahului3	2008	4	1	0.015	0.002	0	6.58	55.994	8.047	9.054	9.513	0.444	10.98
3	Kahului3	2008	5	1	0.015	0.002	0	6.58	55.994	8.047	9.054	9.513	0.444	10.98
3	Kahului3	2008	6	1	0.015	0.002	0	6.58	29.991	8.522	9.706	10.464	0.095	10.98
3	Kahului3	2008	8	1	0.015	0.002	0	6.58	61.447	8.047	1.992	9.513	0.488	10.98
3	Kahului3	2008	11	1	0.015	0.002	0	6.58	21.461	8.047	8.749	9.513	0.239	10.98
3	Kahului3	2008	12	1	0.015	0.002	0	6.58	21.461	8.047	8.749	9.513	0.239	10.98
4	Kahului4	2008	1	1	0.002	0.000	0	7.48	17.[illegible]	8.947	10.433	10.413	0.154	11.88
4	Kahului4	2008	2	1	0.002	0.000	0	7.48	31.832	8.947	8.248	10.413	0.253	11.88
4	Kahului4	2008	4	1	0.002	0.000	0	7.48	31.832	8.947	8.248	10.413	0.253	11.88
4	Kahului4	2008	4	1	0.002	0.000	0	7.48	31.832	8.947	8.248	10.413	0.253	11.88
4	Kahului4	2008	5	1	0.002	0.000	0	7.48	60.346	8.947	2.379	10.413	0.540	11.88
4	Kahului4	2008	9	1	0.002	0.000	0	7.48	60.842	8.947	1.474	10.413	2.564	11.88
4	Kahului4	2008	11	1	0.002	0.000	0	7.48	37.612	8.947	6.886	10.413	0.321	11.88
4	Kahului4	2008	12	1	0.002	0.000	0	7.48	37.612	8.947	6.886	10.413	0.321	11.88
7	Maalaea1	2008	1	1	0.414	0.069	0	2.50	0.000	2.500	10.288	2.500	0.000	2.50
8	Maalaea2	2008	1	1	0.000	0.008	0	2.50	0.000	2.500	10.288	2.500	0.000	2.50
9	Maalaea1	2008	1	1	0.005	0.041	0	2.50	0.000	2.500	10.288	2.500	0.000	2.50
10	Maalaea2	2008	1	1	0.000	0.016	0	2.50	0.000	2.500	10.288	2.500	0.000	2.50
11	Maalaea3	2008	1	1	0.010	0.018	0	2.50	0.000	2.500	10.288	2.500	0.000	2.50
12	Maalaea4	2008	1	1	0.006	0.070	0	2.46	27.156	3.477	-21.235	4.493	1.341	5.51
12	Maalaea4	2008	8	1	0.006	0.070	0	2.46	4.331	3.477	7.859	4.493	0.215	5.51
13	Maalaea5	2008	1	1	0.024	0.002	0	2.46	154.943	3.477	-55.289	4.493	6.770	5.51
13	Maalaea5	2008	6	1	0.024	0.002	0	2.46	154.943	3.303	-55.289	4.147	6.770	4.99
13	Maalaea5	2008	7	1	0.024	0.002	0	2.46	154.944	3.477	-55.289	4.493	6.770	5.51
13	Maalaea5	2008	9	1	0.024	0.002	0	2.46	31.645	3.477	-3.851	4.493	1.611	5.51
14	Maalaea6	2008	1	1	0.000	0.013	0	2.46	12.805	3.477	5.616	4.493	0.353	5.51
14	Maalaea6	2008	6	1	0.000	0.013	0	2.46	24.947	3.477	-2.247	4.493	1.435	5.51
14	Maalaea6	2008	9	1	0.000	0.013	0	2.46	25.274	3.477	-3.830	4.493	1.611	5.51
15	Maalaea7	2008	1	1	0.000	0.007	0	2.46	47.305	3.477	-14.248	4.493	2.862	5.51
15	Maalaea7	2008	8	1	0.000	0.007	0	2.46	6.263	3.477	9.117	4.493	0.026	5.51
16	Maalaea8	2008	1	1	0.006	0.042	0	2.39	48.960	3.420	-14.200	4.450	2.777	5.48
16	Maalaea8	2008	4	1	0.006	0.042	0	2.39	20.120	3.420	-0.428	4.450	1.253	5.48
17	Maalaea9	2008	1	1	0.000	0.049	0	2.39	13.524	3.420	2.391	4.450	0.408	5.48
17	Maalaea9	2008	9	1	0.000	0.049	0	2.39	25.021	3.420	-3.830	4.450	1.142	5.48
18	Maalae10	2008	1	1	0.001	0.020	0	6.38	11.747	8.367	5.455	10.353	0.227	12.34
18	Maalae10	2008	2	1	0.001	0.020	0	6.38	22.578	8.367	4.435	10.353	0.231	12.34
19	Maalae11	2008	1	1	0.000	0.049	0	6.38	24.632	7.189	3.754	7.998	0.254	8.81
19	Maalae11	2008	7	1	0.000	0.049	0	6.38	24.632	7.189	3.754	7.998	0.254	8.81
20	Maalae12	2008	1	1	0.011	0.037	0	6.38	21.939	8.367	4.912	10.353	0.217	12.34
20	Maalae12	2008	3	1	0.011	0.037	0	6.38	18.637	8.367	5.785	10.353	0.166	12.34
21	Maalae13	2008	1	1	0.057	0.093	0	6.38	14.068	8.367	6.742	10.353	0.122	12.34
21	Maalae13	2008	5	1	0.057	0.093	0	6.38	10.475	8.367	7.263	10.353	0.105	12.34
21	Maalae13	2008	9	1	0.057	0.093	0	6.38	10.475	7.713	7.263	8.047	0.105	8.88
21	Maalae13	2008	10	1	0.057	0.093	0	6.38	10.475	8.367	7.263	10.353	0.105	12.34

Thermal Maintenance Summary

ID	NAME	YR	PRD	Start Day	Days
1	Kahului1	2008	1	14	163
2	Kahului2	2008	1	14	27
3	Kahului3	2008	14	14	134
5	Kahului5	2008	6	6	42
4	Kahului4	2008	3	24	48
7	Maalaea7	2008	7	25	9
8	Maalaea8	2008	7	15	47
9	Maalaea9	2008	1	1	14
10	Maalaea10	2008	10	6	12
11	Maalaea11	2008	6	6	35
12	Maalaea12	2008	6	24	4
13	Maalaea13	2008	10	7	12
14	Maalaea14	2008	10	1	12
15	Maalaea15	2008	1	9	50
16	Maalaea16	2008	7	15	4
17	Maalaea17	2008	4	2	9
18	Maalaea18	2008	6	10	94
19	Maalaea19	2008	6	2	5
20	Maalaea20	2008	12	1	26
21	Maalaea21	2008	9	12	51
22	Maalaea22	2008	9	10	7
23	Maalaea23	2008	9	11	4
24	Maalaea24	2008	9	9	4
25	Maalaea25	2008	9	22	4

Fixed Energy Transaction Summary

ID	NAME	YR	PRD	Area ID	Type	Peak Def	Firm	MinCap	MaxCap	Energy	Eng Cost	CapCost	EngCost Esc	CapCost Esc	WkDays	WDPk Hrl	WDPk Hrn	WEPk Hrl	WEPk Hrn
1	HCS_ON	2008	1	1	4	1	0	6.00	12,301	5,339	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	2	1	4	1	0	6.00	12,241	4,949	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	3	1	4	1	0	6.00	12,582	5,470	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	4	1	4	1	0	6.00	11,852	4,979	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	5	1	4	1	0	6.00	12,136	5,267	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	6	1	4	1	0	6.00	11,191	4,700	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	7	1	4	1	0	6.00	11,443	5,105	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	8	1	4	1	0	6.00	11,823	5,161	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	9	1	4	1	0	6.00	11,524	4,841	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	10	1	4	1	0	6.00	10,469	4,544	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	11	1	4	1	0	6.00	10,605	4,454	0	0	0	0	7	8	21	8	21
1	HCS_ON	2008	12	1	4	1	0	6.00	10,241	4,454	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	1	1	5	1	0	6.00	9,262	2,871	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	2	1	5	1	0	6.00	8,950	2,596	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	3	1	5	1	0	6.00	9,630	2,985	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	4	1	5	1	0	6.00	9,314	2,745	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	5	1	5	1	0	6.00	9,391	2,911	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	6	1	5	1	0	6.00	8,702	2,638	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	7	1	5	1	0	6.00	9,179	2,846	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	8	1	5	1	0	6.00	9,276	2,875	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	9	1	5	1	0	6.00	8,884	2,665	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	10	1	5	1	0	6.00	7,803	2,419	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	11	1	5	1	0	6.00	7,812	2,344	0	0	0	0	7	8	21	8	21
4	HCS_OFF	2008	12	1	5	1	0	6.00	8,444	2,587	0	0	0	0	7	8	21	8	21
5	KWPON	2008	1	1	8	1	1	0.00	18,112	7,861	0	0	0	0	7	8	21	8	21
5	KWPON	2008	2	1	8	1	1	0.00	7,280	3,160	0	0	0	0	7	8	21	8	21
5	KWPON	2008	3	1	8	1	1	0.00	9,362	4,063	0	0	0	0	7	8	21	8	21
5	KWPON	2008	4	1	8	1	1	0.00	11,193	4,858	0	0	0	0	7	8	21	8	21
5	KWPON	2008	5	1	8	1	1	0.00	11,232	4,875	0	0	0	0	7	8	21	8	21
5	KWPON	2008	6	1	8	1	1	0.00	11,840	5,139	0	0	0	0	7	8	21	8	21
5	KWPON	2008	7	1	8	1	1	0.00	13,408	5,819	0	0	0	0	7	8	21	8	21
5	KWPON	2008	8	1	8	1	1	0.00	17,283	7,501	0	0	0	0	7	8	21	8	21
5	KWPON	2008	9	1	8	1	1	0.00	10,250	4,449	0	0	0	0	7	8	21	8	21
5	KWPON	2008	10	1	8	1	1	0.00	12,013	5,214	0	0	0	0	7	8	21	8	21
5	KWPON	2008	11	1	8	1	1	0.00	10,405	4,514	0	0	0	0	7	8	21	8	21
5	KWPON	2008	12	1	8	1	1	0.00	7,344	3,187	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	1	1	8	1	1	0.00	14,283	4,428	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	2	1	8	1	1	0.00	7,854	2,278	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	3	1	8	1	1	0.00	11,645	3,610	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	4	1	8	1	1	0.00	12,654	3,796	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	5	1	8	1	1	0.00	15,040	4,662	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	6	1	8	1	1	0.00	16,471	4,941	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	7	1	8	1	1	0.00	18,929	5,868	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	8	1	8	1	1	0.00	20,524	6,364	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	9	1	8	1	1	0.00	11,472	3,591	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	10	1	8	1	1	0.00	11,395	3,533	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	11	1	8	1	1	0.00	10,339	3,102	0	0	0	0	7	8	21	8	21
6	KWPOFF	2008	12	1	8	1	1	0.00	6,435	2,147	0	0	0	0	7	8	21	8	21
15	HANA	2008	1	1	4	1	1	0.000	0.014	0.013	0	0	0	0	7	8	21	8	21
15	HANA	2008	2	1	4	1	1	0.000	0.000	0.000	0	0	0	0	7	8	21	8	21
15	HANA	2008	3	1	4	1	1	0.000	0.033	0.014	0	0	0	0	7	8	21	8	21
15	HANA	2008	4	1	4	1	1	0.000	0.034	0.015	0	0	0	0	7	8	21	8	21
15	HANA	2008	5	1	4	1	1	0.000	0.001	0.000	0	0	0	0	7	8	21	8	21
15	HANA	2008	6	1	4	1	1	0.000	0.000	0.000	0	0	0	0	7	8	21	8	21
15	HANA	2008	7	1	4	1	1	0.000	0.001	0.000	0	0	0	0	7	8	21	8	21
15	HANA	2008	8	1	4	1	1	0.000	0.015	0.007	0	0	0	0	7	8	21	8	21
15	HANA	2008	9	1	4	1	1	0.000	0.026	0.012	0	0	0	0	7	8	21	8	21
15	HANA	2008	10	1	4	1	1	0.000	0.001	0.000	0	0	0	0	7	8	21	8	21
15	HANA	2008	11	1	4	1	1	0.000	0.000	0.000	0	0	0	0	7	8	21	8	21
15	HANA	2008	12	1	4	1	1	0.000	0.005	0.002	0	0	0	0	7	8	21	8	21

Combined Cycle Basic Summary

ID	NAME	YR	PRD	AreaID	PlantID	CT Units	ST Units	Firm	Quick	Cost Cmt	Ownership	Spot Fuel	Start Fuel	FixOM	FixOM Esc	CapCost	CTFOR	STFOR	MOR	Trnsm Loss	Util Resr
1	M141516	2008	1	1	2	2	1	0	3	1	100	2	2	214995	1.8	0	0.248	0.248	0.512	1	1
2	M171819	2008	1	1	2	2	1	0	3	1	100	2	2	214995	1.8	0	0.327	0.327	0.786	1	1

Combined Cycle Cost and Variable Summary

ID	NAME	YR	PRD	CombF lag	Hr Pattern	OpType	Down Time	Up Time	Ramp Rate	HrVarOM	VarOM	VarOM Esc	Start BTU	Fix Start	SpinRsv	CmtCost Ftr	CmtEmis Ftr	DspCost Ftr	DspEmis Ftr	Dsp Pnlty	Cmt Pnlty	Scrub Eff	I26	X31	X32
1	M141516	2008	1	1	0	6	5	22	99999	118.560	0.454	0	11	0	100	1	0	1	1	5.00	5.00	0	5	0	0
1	M141516	2008	1	2	0	4	5	22	99999	118.560	0.454	0	11	0	100	1	0	1	0	1.09	1.00	0	5	0	0
1	M141516	2008	1	3	0	4	5	22	99999	267.121	0.707	0	11	0	100	1	0	1	0	1.09	1.00	0	5	0	0
2	M171819	2008	1	1	0	5	5	14	99999	108.805	0.454	0	15	0	100	1	0	1	0	5.00	5.00	0	5	0	0
2	M171819	2008	1	3	0	3	5	14	99999	217.610	0.707	0	15	0	100	1	0	1	0	1.15	1.05	0	5	0	0
2	M171819	2008	1	2	0	1	5	14	99999	108.805	0.454	0	15	0	100	1	0	1	0	1.15	1.00	0	5	0	0

Combined Cycle Performance Summary

ID	NAME	YR	PRD	CombFlag	HROption	MinLdHR	Cap1	HR1	Cap2	HR2	Cap3	HR3	Cap4
1	M141516	2008	1	1	1	0	10.197	62.918	15.762	6.612	18.32?	[illegible]	[illegible]
1	M141515	2008	1	2	1	0	[illegible]	69.301	13.9??	4.459	[illegible]	[illegible]	25.941
1	M141514	2008	1	3	1	0	35.537	116.576	41.752	4.843	47.968	0.027	54.183
1	M141514	2008	4	3	1	0	35.537	116.576	37.658	4.843	39.779	0.027	41.900
1	M141514	2008	6	3	1	0	35.537	116.576	41.752	4.843	47.968	0.027	54.183
1	M141514	2008	11	3	1	0	35.537	116.576	39.759	4.843	41.979	0.027	45.200
1	M141514	2008	12	3	1	0	35.537	116.576	41.691	4.843	47.846	0.027	54.000
2	M171819	2008	1	1	1	0	12.629	62.176	15.133	6.699	17.638	0.069	20.143
2	M171819	2008	1	2	1	0	16.086	57.931	18.957	5.714	21.827	0.022	24.698
2	M171819	2008	1	3	1	0	34.972	84.371	41.508	6.426	48.044	0.005	54.580
2	M171819	2008	7	3	1	0	34.972	84.371	41.348	6.426	47.724	0.005	54.100
2	M171819	2008	8	3	1	0	34.972	84.371	40.448	6.426	45.924	0.005	51.400
2	M171819	2008	12	3	1	0	34.972	84.371	38.961	6.426	42.991	0.005	47.000

Combined Cycle Maintenance Summary

ID	NAME	Comb Flag	YR	PRD	Start Day	Days
1		1	2008	4	21	24
1		3	2008	11	10	25
1		1	2008	11	22	5
1		1	2008	12	11	10
2		6	2008	1	13	7
2		2	2008	1	14	7
2		3	2008	3	14	7
2		1	2008	11	10	5

Operating Reserve Requirement

Year	Month	Day	Hour	Spin Req
2008	1	1	1	15
2008	1	2	1	15
2008	1	3	1	15
2008	1	4	1	15
2008	1	5	1	15
2008	1	6	1	15
2008	1	7	1	15

Load Summary

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
1/1/08	113.4	107.1	98.7	96.0	96.5	100.0	104.9	115.6	132.8	149.9	157.3	156.6	155.6	155.3	153.8	154.2	153.4	158.6	169.1	167.4	163.3	141.7	125.8	104.8
1/2/08	97.5	94.5	93.3	93.4	101.1	110.6	117.5	134.4	148.3	161.3	167.1	165.1	164.1	163.0	161.6	163.3	166.4	174.9	193.7	187.4	174.0	158.0	137.5	116.4
1/3/08	103.5	97.3	94.7	94.0	97.2	106.4	119.1	134.5	153.3	164.8	165.7	167.1	163.8	163.3	163.9	165.6	167.1	172.5	193.7	187.1	172.7	155.4	135.8	115.6
1/4/08	102.5	96.2	94.0	93.2	95.9	105.6	115.6	134.6	152.2	158.2	169.8	167.4	167.8	167.2	167.8	169.6	172.1	176.8	190.2	182.3	169.7	157.9	137.5	122.1
1/5/08	106.5	100.3	97.1	96.0	96.8	102.4	113.9	123.7	143.0	156.0	160.8	160.1	159.7	159.7	158.4	160.0	162.0	170.0	185.8	181.2	169.2	156.0	137.9	118.7
1/6/08	105.6	99.0	96.0	94.9	96.9	102.3	107.6	120.3	137.6	152.6	155.0	155.1	155.3	156.4	156.5	159.1	162.7	169.7	186.1	183.7	168.9	155.1	134.8	115.2
1/7/08	108.2	96.4	93.7	93.5	96.2	105.2	114.7	135.4	150.6	162.7	168.4	168.1	169.2	170.5	159.4	174.2	174.8	177.6	193.7	190.8	175.3	155.6	134.5	115.4
1/8/08	103.7	98.1	95.3	94.7	98.3	106.9	120.5	135.2	149.6	161.9	166.4	167.1	165.5	166.5	168.0	168.5	169.1	173.5	191.1	186.8	172.5	157.9	133.1	115.0
1/9/08	104.4	98.2	95.4	95.3	98.2	107.9	124.7	136.0	152.3	164.3	169.0	169.7	168.3	167.4	170.5	172.3	172.8	177.5	194.4	189.5	176.6	160.6	136.9	116.5
1/10/08	105.0	99.2	95.7	95.4	97.9	107.1	123.9	137.6	150.6	162.4	168.1	167.9	166.9	166.8	166.8	167.0	166.2	169.6	186.1	183.5	171.6	156.9	135.1	115.2
1/11/08	108.7	99.3	96.3	95.0	97.4	106.7	123.8	137.6	154.4	165.3	167.4	167.9	168.4	167.8	169.4	168.8	168.6	170.3	183.7	179.3	167.7	152.6	134.9	116.0
1/12/08	105.4	99.1	95.8	94.6	96.2	100.7	111.1	121.0	141.1	151.0	158.7	161.7	156.8	157.3	158.1	160.2	163.6	166.1	178.9	174.1	161.1	147.0	130.4	114.6
1/13/08	103.2	97.4	93.8	93.3	95.4	101.6	108.0	122.0	139.0	150.1	153.8	153.7	150.6	147.6	145.6	147.3	151.1	160.5	177.7	171.6	159.1	142.0	122.0	107.9
1/14/08	97.5	92.7	90.9	91.5	95.4	112.2	125.5	139.1	149.4	156.5	155.6	155.3	153.3	152.5	151.6	152.0	152.6	159.6	179.1	178.5	163.8	146.8	126.1	108.7
1/15/08	97.9	93.0	91.4	90.7	94.5	105.9	125.2	138.1	148.9	156.6	157.3	155.9	153.3	151.9	150.3	151.6	153.1	158.7	177.7	176.3	161.2	146.6	125.2	106.9
1/16/08	96.6	92.4	89.9	90.2	94.0	103.9	124.7	135.9	145.2	152.3	154.6	155.6	153.8	154.0	157.0	157.8	157.7	160.3	177.7	176.1	163.1	148.3	126.7	109.5
1/17/08	98.3	92.9	90.5	90.5	93.6	103.7	123.2	135.4	146.6	153.8	156.5	155.8	154.9	153.8	155.9	156.0	155.3	159.7	179.7	176.2	163.2	147.2	128.1	109.9
1/18/08	99.0	94.3	91.8	91.9	95.2	107.6	127.6	140.6	151.1	161.4	163.3	162.5	158.7	158.6	158.3	159.2	163.6	164.1	177.1	177.7	166.2	151.2	133.2	115.7
1/19/08	103.9	97.2	93.7	92.7	96.0	101.9	110.4	123.6	141.4	154.2	156.9	156.1	154.5	153.4	153.0	153.7	156.1	159.3	173.0	170.6	161.4	148.7	133.0	113.5
1/20/08	102.5	96.4	94.4	93.1	93.0	98.6	107.7	119.5	136.5	147.8	152.2	154.2	150.0	153.5	153.4	153.4	156.1	158.3	174.6	169.0	152.2	145.5	128.4	111.0
1/21/08	99.5	95.1	93.2	92.2	94.8	102.9	114.2	129.3	147.3	158.2	162.9	160.9	160.8	161.2	161.1	161.8	163.1	168.9	183.2	182.7	169.1	152.3	129.6	111.8
1/22/08	100.2	95.8	93.5	93.5	96.3	106.9	125.9	139.3	152.7	161.1	163.1	161.5	160.6	160.4	160.3	160.8	161.9	164.9	182.0	181.3	168.6	151.2	129.2	111.1
1/23/08	100.1	95.0	92.9	92.1	94.8	105.1	125.1	138.5	150.1	158.1	160.0	160.1	159.5	159.1	158.2	157.3	159.6	164.9	180.9	179.3	166.3	150.9	128.7	109.9
1/24/08	99.5	93.6	91.9	91.4	96.4	106.8	126.3	139.0	149.2	156.8	158.2	156.5	155.5	156.4	155.1	157.4	156.4	161.7	177.8	178.2	166.6	152.3	128.2	110.2
1/25/08	98.4	93.8	91.4	90.5	94.3	104.7	124.2	136.4	147.5	156.0	157.8	157.3	155.6	152.3	154.8	156.0	157.2	159.0	170.2	173.2	160.9	149.3	129.7	113.4
1/26/08	101.2	96.3	93.8	92.6	96.2	101.4	111.0	123.4	140.0	151.9	153.0	151.0	149.4	147.9	148.0	148.7	151.5	157.6	166.0	167.2	156.4	147.7	129.2	108.6
1/27/08	96.2	94.9	92.2	93.1	94.9	96.8	106.0	117.0	132.2	141.8	146.3	144.0	145.0	143.2	140.8	141.7	144.3	151.6	164.8	169.3	159.5	148.2	127.3	107.9
1/28/08	97.6	92.1	90.1	90.0	92.6	104.5	123.6	137.1	148.0	156.2	159.2	158.4	156.4	156.2	152.3	150.6	152.5	158.6	176.7	175.7	162.5	145.0	122.6	106.2
1/29/08	96.1	92.7	95.4	89.9	93.5	104.0	123.6	138.0	147.4	153.7	154.5	152.3	149.2	147.5	145.7	148.0	151.0	157.8	174.9	175.3	161.3	144.6	121.1	104.4
1/30/08	93.6	90.1	88.2	87.2	92.6	104.3	126.7	139.3	147.8	154.5	155.3	151.8	151.2	147.9	148.7	148.7	152.1	160.0	175.5	176.5	162.1	146.9	124.9	105.7
1/31/08	96.3	89.7	88.3	89.0	93.6	103.4	123.6	135.8	146.6	156.1	157.5	153.6	153.6	151.9	148.9	150.7	155.4	161.8	178.1	180.4	164.9	152.9	127.7	105.0
2/1/08	99.5	95.2	93.2	92.2	95.5	106.7	126.2	139.5	151.7	158.9	160.9	159.1	157.1	153.5	154.0	155.7	158.7	163.8	177.4	173.3	160.5	148.5	129.6	113.5
2/2/08	102.0	96.8	94.0	92.8	95.6	101.2	111.0	125.6	142.7	156.9	160.5	159.9	157.3	152.4	150.6	152.0	154.5	162.1	174.2	175.2	168.4	144.0	128.3	112.9
2/3/08	101.4	96.1	92.7	94.0	96.3	95.9	110.7	123.0	129.7	145.1	150.7	155.2	155.8	153.6	148.0	147.1	145.1	150.0	175.3	171.5	163.4	154.9	129.0	110.2
2/4/08	99.4	95.4	93.3	93.4	96.8	107.6	126.6	142.4	154.3	163.9	166.6	165.7	163.9	161.3	159.1	159.8	161.4	167.2	185.1	185.7	169.7	153.1	129.8	111.3
2/5/08	100.9	96.8	94.0	94.2	96.8	107.2	128.9	144.1	154.0	160.9	163.3	161.5	160.8	157.2	155.2	157.3	160.3	170.5	186.4	183.6	168.0	152.0	127.6	110.2
2/6/08	99.8	96.0	94.0	94.0	97.3	109.0	129.3	143.5	153.6	161.7	165.3	162.9	158.3	156.5	158.4	158.7	163.9	171.3	185.2	185.1	171.3	155.4	131.6	111.5
2/7/08	100.5	95.7	93.5	93.6	97.1	106.9	127.2	140.2	152.6	160.5	162.5	162.9	162.9	163.5	163.9	167.4	165.0	171.7	184.5	186.4	173.1	156.9	133.4	113.5
2/8/08	102.3	97.5	94.3	93.4	96.2	106.0	125.9	139.2	152.2	163.3	166.5	164.5	162.4	163.2	162.4	162.7	161.6	163.5	174.1	175.6	165.3	150.9	132.1	115.3
2/9/08	104.3	98.4	95.6	94.6	96.2	101.9	112.4	126.3	144.3	149.2	157.8	156.8	155.5	156.8	155.8	157.3	161.2	164.3	168.3	172.5	163.8	152.1	133.1	115.8
2/10/08	101.1	97.3	95.8	94.6	94.4	97.6	107.4	120.8	137.3	144.6	151.7	152.3	151.3	150.4	152.1	153.8	158.1	165.3	175.2	173.3	166.4	152.4	131.2	114.0
2/11/08	103.0	97.6	93.9	93.3	96.0	107.1	127.3	140.2	152.7	155.9	164.4	164.2	164.2	164.6	165.0	166.9	167.8	169.1	180.2	185.7	172.5	155.8	132.7	114.0
2/12/08	102.4	97.5	95.0	94.7	97.3	107.8	127.6	139.5	151.3	161.1	155.7	166.9	164.1	164.2	164.4	167.2	169.2	170.4	181.2	188.1	173.8	157.7	134.3	113.2
2/13/08	101.6	97.5	94.6	94.0	97.4	107.9	127.5	139.6	153.0	163.9	162.9	163.0	163.9	163.9	164.1	165.9	167.2	169.5	180.0	185.8	172.7	156.6	135.2	115.0
2/14/08	103.2	97.8	94.7	94.3	97.1	107.7	126.8	138.3	149.3	158.0	160.4	160.4	159.4	160.2	160.3	162.5	164.0	165.2	175.0	175.6	165.5	153.9	133.4	114.4
2/15/08	101.9	97.1	94.9	94.2	96.4	107.2	123.8	138.3	151.0	162.1	164.2	163.3	164.6	164.6	165.8	165.8	166.4	171.2	187.1	175.9	165.2	154.1	134.2	118.2
2/16/08	104.7	98.7	95.1	95.3	96.6	101.6	108.2	124.6	140.9	151.7	155.1	154.6	153.7	152.5	153.0	154.1	159.3	163.4	170.4	176.9	165.2	152.4	133.9	116.7
2/17/08	104.7	99.3	95.1	94.4	96.2	101.9	109.8	122.9	140.6	152.3	155.3	153.8	152.3	151.7	150.9	151.7	157.3	162.1	173.4	178.2	165.8	151.3	132.2	114.9
2/18/08	103.8	98.9	96.4	95.7	98.0	104.5	114.3	129.3	148.7	159.8	162.1	160.5	160.4	161.0	160.2	163.3	165.8	171.2	184.4	190.8	173.1	156.7	131.6	113.2
2/19/08	101.8	96.9	94.6	94.7	97.6	107.7	125.8	138.9	152.7	162.3	165.1	165.7	166.0	168.5	169.7	171.9	172.7	177.4	191.6	187.9	172.6	159.9	134.1	114.4
2/20/08	103.2	98.0	95.1	94.1	97.4	106.9	127.0	139.1	153.7	163.1	166.1	165.8	167.0	168.3	170.5	172.3	174.6	174.3	184.5	192.8	176.6	160.8	134.9	115.4
2/21/08	103.8	98.7	96.4	95.4	98.7	108.8	126.4	139.7	153.8	162.5	165.1	167.4	164.9	167.8	169.2	171.5	172.3	174.6	183.2	191.8	176.8	161.1	135.0	116.1
2/22/08	104.3	98.3	96.3	95.8	98.4	109.1	127.5	138.9	154.5	164.2	165.3	166.1	167.9	169.4	168.9	170.1	171.1	172.3	179.2	194.3	170.4	156.2	136.3	117.4
2/23/08	105.0	99.6	97.2	94.4	96.2	103.6	109.3	125.1	141.8	152.1	154.5	155.2	154.0	155.8	155.7	158.8	162.7	164.3	171.3	178.3	167.6	155.4	135.5	116.4
2/24/08	106.0	100.5	97.7	96.0	98.3	102.8	110.7	125.4	142.5	154.2	156.7	157.7	156.2	155.6	151.6	152.9	156.9	164.4	176.4	180.8	166.1	153.7	132.6	112.9
2/25/08	102.4	98.3	96.4	96.1	99.5	109.2	127.9	143.6	157.1	165.9	167.6	167.5	165.9	165.1	164.1	162.5	162.9	166.7	176.0	183.8	170.8	152.8	129.8	111.1
2/26/08	99.6	95.6	93.2	93.0	95.7	106.7	124.3	134.7	147.4	156.6	159.4	159.0	159.1	160.0	162.2	165.5	166.7	169.5	179.9	187.2	172.2	153.5	130.5	110.8
2/27/08	100.5	94.7	92.7	92.5	95.0	104.8	123.4	136.6	147.5	155.6	161.1	161.4	164.2	163.8	165.5	166.7	167.7	170.9	182.5	187.9	173.9	156.7	133.1	114.3
2/28/08	101.3	99.0	95.7	94.1	98.3	107.2	126.2	138.3	151.9	160.5	164.2	167.2	165.1	163.4	165.1	165.4	167.7	170.1	180.5	184.5	172.5	157.2	133.4	114.9
2/29/08	102.6	98.1	95.6	95.0	97.9	109.6	128.0	141.5	155.4	163.6	165.2	166.2	166.1	166.0	169.1	171.7	171.2	171.3	176.3	181.0	169.5	156.2	137.7	118.4

Load Summary (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
3/1/08	106.8	100.7	97.6	95.7	97.0	101.2	112.5	126.4	142.9	153.0	156.4	156.8	155.8	155.9	156.8	158.5	162.2	165.7	174.0	178.0	167.2	154.0	134.9	117.0
3/2/08	105.1	99.6	96.6	95.0	96.0	101.0	109.7	121.9	137.4	147.5	150.8	152.3	152.5	153.2	154.4	157.2	161.3	164.1	172.5	179.9	168.9	152.9	131.3	113.3
3/3/08	101.7	97.5	94.9	94.7	95.8	108.4	126.4	138.7	155.5	164.1	167.7	169.5	169.6	169.5	169.7	170.4	171.3	171.6	179.9	188.4	174.6	159.5	135.6	116.8
3/4/08	105.3	99.8	96.9	96.0	98.9	107.6	127.9	140.4	153.0	162.2	165.6	164.4	165.6	167.1	168.2	171.4	171.8	174.9	180.7	190.5	179.4	161.1	135.2	115.5
3/5/08	104.1	99.7	97.6	96.2	98.6	109.5	128.6	140.5	153.4	164.5	167.8	169.5	171.2	171.1	171.4	173.9	175.1	176.6	184.2	190.5	177.4	159.1	135.8	116.1
3/6/08	104.9	99.1	97.6	96.3	99.4	109.8	124.1	139.9	151.1	160.9	164.4	165.1	165.4	166.6	167.8	169.1	170.5	170.8	178.0	183.9	172.1	156.2	133.2	114.7
3/7/08	102.0	98.6	96.8	96.1	98.4	110.1	127.6	138.4	153.4	165.5	165.4	168.0	168.4	168.7	169.4	168.7	170.0	169.7	174.9	181.5	169.3	156.0	136.7	118.5
3/8/08	105.8	100.4	98.0	97.7	98.6	104.0	113.8	128.0	143.9	153.5	157.1	157.7	157.9	157.9	158.8	161.0	164.0	167.0	172.6	178.1	167.5	153.9	135.5	117.6
3/9/08	105.5	100.0	97.3	96.1	98.0	102.7	109.1	121.6	139.2	149.5	152.9	154.2	152.5	154.0	154.2	155.7	160.8	164.6	173.7	183.6	171.3	154.3	132.6	113.3
3/10/08	102.4	98.6	96.1	95.1	98.5	108.8	128.2	139.4	154.3	162.6	165.7	168.7	170.9	173.2	173.5	174.1	175.0	176.4	186.5	191.8	178.0	160.3	135.5	116.4
3/11/08	104.9	99.4	97.7	97.7	100.7	111.1	129.9	141.8	156.9	166.1	167.6	169.5	169.0	170.7	170.9	170.9	171.6	172.4	179.5	186.2	176.2	159.2	135.1	115.6
3/12/08	105.0	99.8	97.8	96.9	100.0	111.1	129.3	142.4	154.3	163.6	168.8	170.0	170.7	170.0	171.3	171.6	172.5	173.2	179.2	187.6	175.2	158.7	134.4	116.4
3/13/08	105.2	101.5	99.6	98.7	101.1	111.0	130.0	142.5	156.4	166.8	169.5	169.3	171.6	172.2	171.4	170.1	172.2	173.8	179.4	189.0	175.2	158.2	135.9	118.4
3/14/08	106.5	102.4	101.1	100.1	102.1	112.7	131.3	145.3	157.3	168.0	170.8	172.5	173.1	172.3	171.8	172.7	171.0	169.6	177.9	181.0	167.5	155.5	136.3	119.6
3/15/08	107.1	101.1	98.4	97.4	98.9	105.9	114.7	128.7	145.3	155.9	159.3	157.9	155.9	156.4	157.4	161.2	159.9	162.8	166.1	173.4	168.4	148.0	129.9	115.3
3/16/08	104.8	98.8	95.9	94.8	96.1	101.7	110.4	124.7	140.8	150.3	154.0	154.7	154.1	153.4	152.7	152.8	156.8	160.9	166.8	176.6	164.7	150.0	130.6	113.6
3/17/08	103.1	98.9	96.8	95.6	99.7	106.7	125.2	141.6	159.0	168.6	172.4	172.7	171.8	173.1	175.6	173.1	168.6	173.2	176.9	184.4	170.7	155.8	134.1	114.9
3/18/08	105.1	100.2	98.0	97.5	100.8	110.5	125.6	141.2	156.3	166.7	167.9	168.7	170.8	170.6	169.9	169.8	169.6	171.4	180.2	184.7	171.8	156.4	134.5	116.8
3/19/08	104.9	99.9	97.5	97.2	100.0	109.3	123.5	140.3	156.3	166.8	166.9	167.7	168.8	170.4	169.3	172.4	172.1	171.8	175.5	184.4	171.7	158.1	136.0	116.1
3/20/08	105.1	99.4	97.4	97.6	100.2	108.8	122.2	137.4	153.8	165.4	166.9	169.4	170.1	172.9	171.8	171.6	172.8	173.3	180.1	185.6	174.1	158.1	135.7	118.6
3/21/08	106.9	100.9	98.4	97.4	100.4	108.7	120.9	135.7	154.0	165.2	167.9	166.4	167.9	166.4	169.7	168.5	167.6	168.6	174.9	179.3	168.1	153.8	133.0	117.0
3/22/08	105.4	101.4	98.1	98.2	100.3	106.5	112.7	128.5	145.5	156.4	157.8	156.9	156.0	157.4	157.4	161.2	165.7	168.1	171.5	177.2	167.4	151.2	135.6	118.2
3/23/08	106.0	99.4	96.8	95.9	97.7	103.7	113.3	126.8	141.6	150.5	151.6	152.4	151.5	151.3	151.5	156.6	159.3	163.6	167.8	175.5	165.8	151.3	131.4	114.3
3/24/08	103.7	99.3	96.0	96.1	98.8	108.7	120.8	137.8	156.7	166.6	171.7	173.1	174.2	175.7	175.9	175.6	177.6	178.3	182.7	191.1	178.0	161.1	136.7	118.5
3/25/08	106.4	101.2	97.6	97.1	99.6	108.5	122.2	140.1	156.9	167.9	172.1	173.3	172.9	172.7	174.8	175.5	177.1	177.8	180.5	189.5	176.3	160.8	136.1	117.5
3/26/08	106.6	100.9	98.4	98.5	100.5	109.9	123.7	136.1	153.4	161.7	164.4	165.5	166.4	166.8	167.7	170.2	173.8	174.7	179.4	185.5	173.2	158.9	134.8	116.9
3/27/08	105.5	99.2	97.1	96.8	99.8	109.1	122.4	137.4	154.0	164.1	169.8	170.6	170.7	171.7	172.5	174.7	176.3	177.5	181.5	188.1	175.8	160.5	136.1	118.4
3/28/08	106.5	101.6	98.9	98.2	100.7	109.3	125.1	139.5	156.1	166.5	169.3	170.5	170.6	170.5	169.7	170.4	169.9	170.4	174.0	181.5	169.3	155.8	137.7	120.1
3/29/08	108.1	102.3	99.5	99.2	101.1	107.5	116.1	129.6	146.4	157.4	160.5	160.9	161.2	161.6	161.6	161.7	164.3	164.5	168.6	174.6	164.5	151.9	134.5	117.5
3/30/08	107.3	101.3	98.4	97.3	98.8	103.8	119.7	123.1	138.6	150.0	152.9	150.9	151.7	153.0	150.5	158.6	158.5	160.8	164.8	174.0	165.0	150.9	131.0	113.1
3/31/08	102.5	98.1	96.8	96.9	98.9	108.2	126.5	141.2	156.4	166.8	169.0	169.9	168.5	169.3	170.2	171.3	172.5	170.5	175.9	184.7	173.0	155.5	132.3	114.9
4/1/08	103.2	98.1	96.1	95.5	98.5	110.3	124.2	140.1	153.1	161.8	164.2	164.5	165.7	165.5	166.2	168.7	168.5	167.2	172.9	182.5	170.7	153.6	131.2	112.9
4/2/08	101.7	96.9	94.5	94.9	96.8	111.1	129.7	139.7	151.2	158.0	159.3	157.3	156.5	152.7	151.9	153.2	148.3	160.4	167.7	177.8	171.1	153.8	130.5	112.3
4/3/08	101.4	96.0	93.6	92.8	94.7	104.0	128.8	139.4	147.8	154.0	155.3	156.9	154.0	153.0	151.6	152.1	154.0	155.1	161.8	171.6	162.6	147.2	125.7	108.5
4/4/08	98.3	94.4	92.7	92.5	95.1	106.6	123.2	134.2	145.8	152.9	154.2	154.1	153.9	155.3	156.0	154.2	154.0	154.3	156.9	165.3	155.4	143.8	130.2	111.0
4/5/08	100.7	94.8	91.7	90.6	93.0	99.1	107.5	121.2	135.5	145.2	145.0	144.0	144.7	143.7	144.1	145.9	143.4	152.3	157.4	164.6	155.2	142.8	119.7	111.0
4/6/08	100.8	95.1	93.0	91.6	93.0	97.9	104.9	119.7	134.4	144.0	145.6	147.4	145.5	144.0	144.8	146.9	153.2	154.0	163.0	169.5	162.2	144.7	125.4	108.5
4/7/08	98.3	94.1	92.2	92.4	94.7	105.4	126.1	138.1	153.2	161.4	162.4	165.8	162.5	161.4	163.5	164.5	164.4	163.5	165.4	178.8	168.6	152.4	137.5	112.6
4/8/08	103.3	98.2	94.8	94.1	97.4	108.2	126.7	138.5	150.0	158.0	164.2	165.2	165.7	166.0	170.6	171.5	174.0	172.4	176.2	187.1	175.5	159.4	135.5	114.9
4/9/08	103.6	98.3	96.0	96.0	99.3	111.1	130.1	143.1	155.4	163.5	166.3	165.6	162.7	157.8	156.1	161.0	164.1	166.8	175.4	175.4	165.0	149.9	125.1	110.6
4/10/08	100.8	96.1	94.2	93.7	97.4	109.0	129.7	142.8	154.1	162.4	166.1	167.1	164.5	166.6	167.5	167.4	168.8	167.9	175.6	181.9	173.3	155.2	132.8	114.5
4/11/08	103.4	97.7	95.8	95.1	98.9	109.7	128.9	141.1	155.9	164.7	170.2	167.8	165.5	167.6	167.3	167.9	166.8	166.5	169.1	174.0	166.6	150.6	132.8	116.6
4/12/08	105.3	100.2	96.8	95.7	98.0	104.9	111.3	128.5	144.3	154.9	157.3	157.9	156.4	156.3	157.0	159.4	160.8	162.5	164.6	170.9	160.7	147.6	129.3	114.0
4/13/08	104.4	98.2	95.4	93.8	95.7	101.1	110.0	123.5	138.0	147.0	150.0	150.8	150.0	149.9	150.1	152.0	155.8	157.1	162.1	170.4	166.4	146.5	127.7	111.4
4/14/08	101.2	97.1	95.2	94.6	98.1	108.6	126.3	141.1	154.5	161.4	164.6	165.6	166.5	167.4	167.3	167.5	168.4	169.6	171.4	182.2	170.4	154.3	132.3	114.7
4/15/08	103.9	98.2	95.7	94.3	98.8	109.1	117.6	138.8	153.6	163.1	164.2	165.5	171.0	166.5	166.4	170.0	167.2	169.3	172.3	182.8	171.6	155.3	133.0	113.9
4/16/08	102.5	98.1	95.7	94.8	97.6	107.8	127.5	140.1	153.3	162.3	165.5	168.2	167.9	170.0	171.8	173.3	175.3	173.1	176.9	185.2	174.1	159.3	135.8	113.8
4/17/08	105.0	99.3	96.8	95.6	99.2	109.3	126.7	139.6	153.6	164.3	167.2	169.4	170.4	170.3	171.3	171.1	171.9	173.1	179.7	186.6	175.0	157.9	135.9	116.7
4/18/08	105.9	100.6	98.3	96.9	99.7	110.8	127.9	142.5	156.4	166.6	169.4	169.7	169.3	168.9	170.7	171.9	170.7	168.4	167.2	173.7	165.3	152.0	137.3	119.7
4/19/08	106.3	101.3	97.9	96.6	98.9	104.9	113.9	129.2	145.1	154.4	157.3	158.3	157.2	156.7	158.3	158.9	160.2	159.7	161.3	169.1	159.1	149.3	132.6	116.4
4/20/08	104.6	100.4	95.5	94.6	95.7	101.6	110.1	123.1	139.1	141.4	151.0	152.8	152.1	152.7	151.9	153.2	155.2	157.9	162.4	171.2	161.6	149.7	129.5	112.4
4/21/08	101.1	96.9	94.5	93.8	96.5	106.9	125.8	140.0	154.3	161.7	166.6	167.1	168.4	169.7	169.6	171.2	171.1	169.3	171.0	182.1	172.9	158.1	134.6	116.1
4/22/08	103.0	99.1	96.4	95.4	98.2	108.2	126.7	141.1	154.9	164.3	167.3	166.9	167.6	169.3	168.6	169.4	168.5	167.1	171.8	181.0	171.5	155.9	134.0	115.5
4/23/08	104.1	98.7	96.0	95.5	98.2	109.0	125.3	140.2	154.9	164.4	167.3	168.1	170.1	171.5	173.4	175.2	175.4	173.9	176.0	186.3	175.4	160.5	135.6	118.3
4/24/08	103.5	100.2	97.1	96.9	99.9	110.3	126.0	140.0	155.7	164.4	168.7	170.5	170.9	174.8	174.6	176.0	176.2	174.2	176.0	186.4	177.4	161.2	137.1	119.5
4/25/08	105.8	100.4	98.1	97.2	100.1	109.9	121.2	140.4	155.6	165.8	170.2	171.3	172.7	176.0	177.8	178.0	176.3	172.5	171.3	177.3	167.6	154.8	136.7	119.5
4/26/08	107.7	102.2	98.9	98.2	100.3	105.4	113.1	128.7	145.5	156.9	161.3	161.6	164.2	165.6	166.9	167.8	167.9	167.2	169.4	176.8	168.1	155.9	137.2	120.8
4/27/08	108.8	103.1	99.3	97.2	98.8	103.7	111.5	126.8	143.0	153.1	157.6	160.2	160.1	161.1	168.1	168.9	172.0	171.6	169.6	181.6	171.6	157.3	138.1	120.1
4/28/08	109.6	102.9	99.4	98.7	102.0	111.2	130.2	146.4	160.4	170.0	176.8	176.4	177.1	177.8	178.6	179.5	176.9	173.8	175.5	184.5	173.8	158.7	136.2	115.7
4/29/08	107.0	101.6	100.4	99.8	102.7	113.5	133.2	146.9	159.7	170.9	171.8	175.2	173.1	170.9	168.6	169.4	166.6	167.4	174.8	182.2	172.5	157.3	136.0	117.5
4/30/08	106.2	102.0	100.2	100.1	103.1	115.1	134.2	144.2	159.8	170.0	171.6	171.3	172.8	175.5	177.0	176.2	171.8	167.7	169.3	180.9	171.8	157.6	136.2	117.5

Load Summary (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
5/1/08	106.5	101.9	99.4	99.5	101.9	112.6	129.6	143.2	154.0	164.5	167.8	168.2	167.8	170.2	174.4	180.9	175.4	170.9	173.0	179.5	170.6	156.4	135.3	117.8
5/2/08	106.3	101.6	100.1	99.9	103.3	112.8	128.8	143.7	155.8	163.4	166.9	169.6	171.5	172.2	172.9	172.4	169.2	165.9	164.2	171.2	167.1	151.1	134.1	117.9
5/3/08	106.7	102.1	99.2	98.3	100.0	105.9	115.2	127.4	143.0	150.5	155.8	156.6	156.6	155.5	155.1	156.4	156.6	157.7	159.1	167.5	160.7	149.0	131.5	109.2
5/4/08	105.6	100.2	98.3	97.5	99.2	104.6	112.4	123.5	138.7	152.5	152.5	154.0	153.8	151.8	154.5	156.2	159.1	161.3	164.2	175.0	166.6	149.8	129.3	113.3
5/5/08	103.3	99.5	97.5	97.1	100.6	111.6	132.3	146.5	151.2	163.2	166.3	168.3	170.7	168.6	167.7	168.5	167.0	165.9	168.9	178.2	167.7	153.3	131.5	115.4
5/6/08	104.9	98.3	97.0	95.9	99.2	110.5	127.2	140.4	151.8	159.7	163.3	165.2	167.4	167.5	169.9	172.1	171.6	172.6	171.6	183.2	174.6	157.5	132.9	116.6
5/7/08	104.6	99.7	97.0	97.1	100.1	110.2	126.7	139.2	153.3	161.3	165.2	166.0	166.8	168.6	169.0	169.0	167.7	166.2	167.4	177.2	167.2	151.6	130.0	112.6
5/8/08	102.6	98.8	96.9	96.8	99.5	109.5	124.6	137.3	150.1	157.5	161.3	163.3	165.7	168.1	167.5	165.7	165.4	165.9	166.2	176.5	181.2	153.5	132.5	114.4
5/9/08	104.2	102.0	97.2	96.6	99.9	109.3	125.1	137.9	151.3	160.0	164.1	165.3	165.7	166.3	167.1	167.4	163.8	162.2	162.2	168.5	160.3	148.0	130.1	115.1
5/10/08	105.7	101.2	98.2	96.9	98.1	103.8	112.1	125.9	140.9	148.7	152.0	152.3	154.1	151.8	151.0	155.4	156.0	155.0	156.7	164.9	157.4	146.8	130.2	114.3
5/11/08	103.8	98.3	95.6	94.8	96.2	101.0	108.0	121.6	135.3	145.0	148.3	148.5	149.0	148.9	149.1	149.5	150.7	153.0	154.5	164.8	154.7	145.3	127.7	113.4
5/12/08	103.2	98.2	96.1	95.3	97.7	108.0	123.4	137.1	150.5	158.4	162.1	165.1	167.9	169.9	163.2	167.7	167.2	165.9	165.8	179.5	163.3	153.4	131.6	114.3
5/13/08	104.7	99.8	97.0	96.8	99.2	107.7	123.9	137.9	151.0	160.0	165.1	168.4	167.9	166.6	166.1	167.5	164.7	164.9	167.5	179.0	171.6	152.6	132.2	114.7
5/14/08	103.4	99.2	96.8	96.8	100.2	109.6	125.6	138.8	154.3	164.1	167.7	167.6	165.7	164.6	167.0	164.2	167.5	166.7	169.9	178.9	169.9	155.0	132.3	114.5
5/15/08	103.8	99.1	97.5	96.2	99.7	110.3	126.4	139.6	154.9	164.6	167.6	160.7	170.3	171.6	172.6	175.0	174.6	173.2	174.4	183.8	174.8	159.7	136.5	117.0
5/16/08	106.0	100.8	98.3	97.9	101.2	109.7	125.5	139.7	154.8	164.9	170.3	172.9	174.4	176.1	175.6	175.6	173.6	171.3	172.1	178.2	169.7	155.9	137.8	119.7
5/17/08	108.5	[illegible]	99.3	98.9	100.2	105.1	109.7	127.4	143.8	155.9	161.4	162.8	162.2	161.2	160.6	161.3	163.9	164.1	164.2	173.5	166.8	154.5	136.4	118.2
5/18/08	108.3	102.0	98.3	97.4	99.6	104.2	117.3	124.8	139.1	149.4	154.8	155.9	155.1	156.2	157.2	159.4	162.4	164.2	164.6	176.0	173.4	156.7	136.4	116.4
5/19/08	106.2	101.9	99.6	98.7	102.0	110.5	127.4	145.1	160.7	172.4	177.4	177.7	178.4	179.6	178.3	178.9	177.7	176.1	175.6	186.8	179.1	164.2	138.8	118.9
5/20/08	109.0	104.0	100.8	100.2	103.2	113.0	130.0	146.2	161.6	171.7	177.3	177.6	177.1	177.0	177.4	176.7	176.1	174.4	174.7	184.1	177.3	163.8	141.0	120.6
5/21/08	107.4	103.5	101.6	101.5	104.3	112.3	129.4	145.6	160.6	171.2	175.9	177.1	180.0	180.6	181.3	181.5	179.5	175.2	178.3	185.7	176.6	164.1	142.2	122.2
5/22/08	111.8	106.4	104.6	103.3	104.2	114.1	132.2	147.5	165.7	175.9	178.7	178.0	179.8	179.9	178.2	177.8	176.2	174.8	177.0	184.8	178.0	162.8	142.6	119.5
5/23/08	107.9	105.1	102.6	101.2	104.3	123.0	128.3	143.5	157.6	166.7	172.3	175.0	176.5	177.3	179.1	174.5	175.3	171.6	170.4	176.8	169.7	159.1	137.8	120.4
5/24/08	109.5	103.7	101.6	100.7	102.1	106.7	115.5	124.8	144.2	155.5	158.5	163.8	161.1	161.3	162.3	164.2	162.9	160.8	160.7	167.9	162.8	153.7	137.1	121.4
5/25/08	109.6	104.2	100.9	99.7	100.5	104.9	111.7	124.4	139.0	147.9	152.3	153.4	153.9	154.8	156.2	156.7	157.4	156.9	157.9	167.0	163.4	153.9	134.9	118.5
5/26/08	106.7	101.9	99.2	99.2	100.5	105.0	114.0	127.7	141.3	152.6	156.4	157.5	158.2	157.3	161.7	163.8	166.2	169.2	171.0	180.4	174.4	160.5	137.6	118.8
5/27/08	108.2	104.1	101.5	100.5	103.0	112.2	127.0	143.3	159.8	168.8	174.7	175.3	177.1	176.1	178.4	179.3	179.0	176.2	175.5	183.8	177.3	162.6	138.7	120.6
5/28/08	109.1	104.7	102.1	101.7	103.6	111.4	126.6	144.0	157.7	167.0	173.1	175.9	178.4	175.6	180.5	180.9	178.7	174.7	174.2	183.6	175.2	162.3	139.0	119.2
5/29/08	108.8	103.0	101.8	101.1	103.2	111.8	127.9	141.2	157.4	168.2	171.7	174.1	175.4	177.4	177.4	176.6	175.0	169.7	165.1	175.6	169.8	155.5	135.5	118.6
5/30/08	108.2	103.4	100.5	100.2	102.5	111.4	127.1	141.2	154.0	164.2	166.3	170.3	171.3	174.4	178.5	176.8	175.2	171.6	167.4	171.8	165.2	153.7	137.5	120.0
5/31/08	110.0	103.8	100.3	99.0	100.7	105.6	113.4	125.0	142.0	153.4	158.0	160.9	160.8	158.9	159.9	159.9	161.7	162.0	160.4	167.0	160.6	147.9	133.5	119.4
6/1/08	107.7	102.6	100.1	99.7	100.7	103.9	110.0	121.2	135.0	144.0	151.0	152.6	151.5	151.0	151.4	152.4	155.3	157.9	160.4	169.7	163.2	149.0	129.5	115.6
6/2/08	107.1	103.2	100.4	100.0	101.3	109.2	123.2	139.2	153.2	165.1	169.3	171.3	170.7	173.8	175.8	176.3	174.2	169.2	169.2	178.7	171.3	156.0	135.6	118.5
6/3/08	109.2	104.7	102.9	102.3	103.9	112.1	124.7	141.0	154.4	167.1	173.4	172.5	178.7	169.8	174.8	175.9	173.3	170.2	171.5	179.2	172.5	155.7	134.5	118.0
6/4/08	108.5	104.4	102.5	102.2	104.4	112.6	125.0	140.4	155.6	165.8	169.8	173.9	175.5	178.7	178.8	180.6	178.8	174.2	172.0	180.1	173.9	158.2	136.6	119.1
6/5/08	109.6	105.6	103.1	103.0	105.3	113.5	125.8	141.3	158.6	170.6	173.1	176.9	175.1	176.7	173.2	179.1	175.8	169.3	170.6	178.4	171.7	154.9	135.4	118.9
6/6/08	110.2	106.4	103.3	102.2	103.7	112.1	120.6	138.2	155.3	166.4	171.5	174.2	174.3	176.7	177.3	177.5	176.8	173.0	169.7	177.2	170.4	158.3	140.2	121.3
6/7/08	112.4	106.7	103.9	102.8	104.2	107.6	113.9	127.6	143.6	155.8	162.4	162.9	163.3	163.8	164.1	167.8	168.4	167.6	166.8	173.5	168.8	155.3	138.8	121.8
6/8/08	111.6	106.7	104.3	102.7	103.7	107.3	112.9	124.8	140.1	149.9	156.8	159.9	160.2	161.0	162.3	165.5	167.1	166.0	164.9	172.7	169.3	153.8	133.3	118.1
6/9/08	108.7	104.1	102.6	101.8	103.5	110.1	121.7	140.0	156.6	168.5	173.8	176.1	175.4	172.0	173.1	173.5	171.8	170.4	167.5	178.4	173.4	157.3	133.0	115.7
6/10/08	108.4	105.0	102.5	102.3	104.6	110.4	121.6	138.3	155.1	166.6	174.8	174.6	175.8	174.6	172.1	175.2	171.1	168.5	168.0	176.7	172.1	155.4	132.9	116.7
6/11/08	107.8	104.0	102.1	101.3	103.3	108.8	116.6	131.2	146.8	163.1	163.7	164.8	165.1	166.4	166.8	168.3	166.6	168.4	170.9	176.9	169.8	155.2	133.5	117.4
6/12/08	108.5	104.8	102.6	101.8	104.4	111.6	122.6	140.5	157.4	170.0	173.9	175.8	175.5	178.4	178.5	179.5	177.5	173.1	173.0	179.2	175.1	159.4	137.7	120.4
6/13/08	110.0	105.4	103.1	102.5	105.0	110.9	121.4	139.9	155.5	165.8	172.5	171.7	171.7	172.9	171.3	170.3	170.3	166.6	164.1	168.8	163.9	151.6	134.0	118.5
6/14/08	107.9	103.9	101.2	100.5	101.8	105.6	111.8	124.8	139.3	150.2	152.9	152.6	152.6	154.1	154.7	156.4	158.4	159.8	158.6	164.3	159.8	149.5	130.8	116.9
6/15/08	107.1	103.8	103.0	101.2	100.2	104.4	109.2	121.2	134.5	151.7	154.8	149.8	151.1	152.4	153.9	156.9	159.0	159.6	160.1	166.5	162.8	149.1	129.4	115.9
6/16/08	107.7	103.1	101.0	100.7	102.6	108.8	120.5	138.1	154.8	167.9	174.5	175.4	174.8	179.1	178.8	180.3	178.8	174.2	172.6	182.9	177.2	160.1	136.6	119.2
6/17/08	108.9	104.5	102.1	104.5	103.5	109.8	121.4	138.0	155.0	167.4	172.0	173.7	176.7	180.4	180.4	182.5	181.2	176.9	175.1	183.7	179.5	164.4	139.0	120.3
6/18/08	110.1	105.2	102.9	101.7	104.2	110.3	122.6	138.9	155.0	166.5	174.0	175.8	177.1	177.3	178.7	178.3	175.6	172.5	173.8	177.5	172.9	157.1	135.1	118.0
6/19/08	109.3	104.5	102.3	101.5	103.2	110.4	121.7	137.3	154.1	165.0	169.2	170.8	170.7	172.7	173.5	173.9	173.3	170.3	168.4	178.3	173.1	157.4	134.9	118.5
6/20/08	108.6	104.2	102.7	102.1	103.7	110.0	120.6	137.0	153.8	166.1	171.1	171.8	171.1	172.9	174.3	173.9	170.9	167.5	165.4	170.6	165.0	152.8	134.4	118.9
6/21/08	109.3	104.5	102.4	101.3	102.3	105.8	111.7	124.3	139.7	150.0	153.9	155.4	155.5	155.7	157.6	157.9	158.2	158.8	159.4	166.5	161.7	150.2	132.8	117.5
6/22/08	107.8	103.9	101.3	100.7	101.8	104.8	109.9	121.3	135.6	145.7	151.3	151.6	151.7	151.8	153.3	152.6	154.9	157.7	159.6	166.8	165.0	151.5	131.7	116.2
6/23/08	107.5	103.4	101.5	100.7	103.1	109.5	120.6	136.7	154.7	166.3	171.7	175.1	174.8	176.2	178.4	180.1	177.7	173.7	173.8	183.3	179.2	162.7	137.5	120.2
6/24/08	109.4	104.4	102.3	101.8	104.1	110.4	122.4	139.4	154.8	167.3	167.4	168.3	177.6	177.1	178.4	179.2	178.5	177.6	174.6	181.6	177.5	162.5	137.4	118.6
6/25/08	109.0	104.1	102.4	101.8	103.5	110.0	121.0	137.1	155.3	166.9	172.6	173.0	174.3	176.8	179.6	178.7	177.5	175.9	172.6	180.3	175.8	161.8	137.6	119.9
6/26/08	109.5	104.6	102.2	101.3	102.7	109.5	120.7	138.7	154.7	166.5	171.7	176.1	175.9	177.1	176.4	177.3	176.0	176.4	172.5	179.7	176.8	163.4	139.4	120.3
6/27/08	111.2	106.3	103.5	102.7	104.8	112.7	124.3	139.3	158.3	169.7	175.4	178.5	178.3	178.8	177.1	175.0	174.4	172.2	171.1	177.5	173.9	162.5	142.8	125.7
6/28/08	114.3	109.2	106.9	105.8	106.9	110.8	117.1	131.1	143.4	161.7	165.5	168.6	169.2	170.7	171.8	175.2	176.4	175.5	174.3	179.2	174.4	161.1	142.2	125.6
6/29/08	113.6	108.7	105.6	103.7	104.6	108.0	112.4	124.6	140.0	152.9	158.2	161.9	162.2	161.3	162.7	165.1	168.9	170.9	172.5	181.2	179.9	163.7	139.9	121.9
6/30/08	111.7	106.7	104.4	103.1	104.9	111.1	122.5	141.5	162.5	174.6	181.1	183.8	182.7	183.8	182.3	182.3	184.1	183.0	181.2	188.4	187.4	170.0	144.5	124.6

Load Summary (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
7/1/08	116.7	110.5	107.0	105.9	108.6	117.1	129.7	147.6	161.5	173.8	179.3	181.6	182.0	181.3	180.4	178.4	176.4	173.7	175.9	184.9	177.4	161.6	143.7	125.4
7/2/08	113.9	108.9	106.0	104.4	107.5	117.0	130.0	148.0	164.1	177.2	181.9	183.4	183.6	184.7	185.6	185.3	184.7	182.1	179.0	184.2	183.4	169.0	143.0	129.2
7/3/08	116.3	110.2	107.0	105.8	107.8	116.9	128.6	145.7	161.7	174.8	180.0	182.6	181.6	184.7	184.7	185.0	183.5	179.3	176.0	181.4	171.4	166.7	147.2	130.3
7/4/08	116.8	111.3	107.3	105.8	107.0	112.5	120.1	133.8	149.5	161.5	165.9	167.5	167.4	167.3	167.5	169.3	170.5	169.0	164.5	184.2	177.1	164.5	141.9	122.8
7/5/08	116.8	111.3	104.0	104.6	106.5	110.7	117.7	130.1	145.7	159.4	165.1	167.9	168.7	168.5	171.5	171.4	173.3	176.0	174.8	179.4	176.5	162.7	146.2	128.3
7/6/08	116.7	110.5	106.9	104.9	106.5	110.6	116.5	129.4	144.8	155.9	162.9	165.1	166.4	166.9	168.0	170.8	175.1	175.6	174.1	182.1	181.0	168.3	148.4	129.6
7/7/08	117.6	111.5	107.3	105.9	108.7	116.7	128.5	145.1	163.2	176.2	181.3	184.0	184.8	184.7	185.8	184.4	185.2	181.3	179.7	187.5	180.3	169.3	148.2	128.4
7/8/08	116.7	109.9	106.2	104.6	107.1	114.1	125.5	144.3	161.7	173.2	178.8	181.1	180.6	182.4	182.4	181.4	181.9	180.2	179.8	185.2	181.3	167.1	146.1	125.0
7/9/08	114.3	108.7	105.3	104.2	107.9	116.3	127.1	144.1	159.8	173.1	180.3	183.3	182.3	181.6	179.3	180.6	176.2	180.7	181.7	185.5	180.5	160.6	145.2	121.0
7/10/08	115.1	108.9	105.6	104.5	108.6	117.7	126.3	144.1	161.9	174.1	179.5	182.5	182.4	184.5	184.2	184.0	183.9	181.7	179.4	185.0	181.7	167.5	145.5	127.2
7/11/08	115.1	110.0	106.9	105.6	109.1	115.2	126.4	145.1	162.8	175.9	181.6	182.9	182.8	185.0	184.4	183.9	182.1	180.1	177.9	180.3	176.7	165.5	147.4	130.9
7/12/08	118.2	111.2	107.1	105.5	109.2	113.0	118.5	132.9	148.7	159.9	166.0	167.5	166.2	167.0	166.4	167.2	168.8	170.0	169.6	174.1	172.5	160.5	144.5	126.9
7/13/08	114.7	107.7	104.7	102.3	104.1	107.6	112.0	128.1	143.4	152.6	159.3	160.6	161.5	161.6	160.3	161.0	166.1	162.2	166.3	174.3	172.0	160.1	141.8	124.2
7/14/08	112.5	107.3	103.6	102.5	105.0	113.1	124.8	143.4	159.7	173.2	178.7	180.2	182.3	183.2	182.4	180.7	179.3	177.3	174.3	183.9	180.5	166.0	144.2	125.3
7/15/08	112.4	106.8	103.5	102.4	105.5	113.1	123.6	139.2	154.8	167.9	174.1	176.3	177.5	180.2	180.7	180.2	180.7	179.6	180.2	186.5	181.0	165.9	143.6	124.7
7/16/08	114.3	107.5	103.8	102.2	106.1	113.1	125.8	144.3	161.1	172.4	179.1	181.7	181.5	181.2	180.6	179.2	176.9	174.7	176.6	192.4	177.6	165.6	145.4	125.1
7/17/08	114.9	109.9	105.6	105.0	107.6	115.4	127.9	146.0	162.0	170.5	171.6	176.9	175.9	178.8	178.3	178.6	178.6	177.6	176.1	192.3	179.8	166.5	144.1	126.7
7/18/08	114.3	109.1	105.4	104.1	106.6	113.2	124.6	140.5	157.6	168.8	169.2	175.3	174.7	176.5	177.0	176.9	177.9	175.0	171.7	175.4	171.3	160.4	142.9	125.5
7/19/08	114.3	108.1	104.8	102.9	104.4	108.9	115.1	127.7	150.1	155.4	155.8	163.2	163.5	163.6	162.4	163.9	166.1	167.3	167.0	171.3	168.4	158.5	142.3	126.1
7/20/08	113.7	107.6	104.0	102.3	104.0	108.0	113.1	125.0	140.0	151.3	158.2	159.7	161.9	161.7	162.1	160.9	162.0	164.4	166.3	175.0	171.4	159.4	140.6	124.5
7/21/08	112.7	107.0	104.1	102.6	105.7	114.0	125.3	143.7	161.9	174.2	181.4	183.5	184.2	186.8	186.1	185.1	183.3	181.5	181.9	188.1	182.9	168.4	144.1	127.4
7/22/08	115.6	109.6	106.7	105.2	108.4	116.0	127.9	145.7	164.2	177.2	183.0	183.3	183.9	186.5	186.9	186.7	185.6	183.1	182.1	191.6	185.9	172.6	150.0	130.0
7/23/08	117.7	111.0	108.1	107.4	110.4	117.5	130.1	145.1	164.8	175.8	182.1	184.9	185.8	186.8	187.3	186.0	185.6	183.1	182.0	189.7	184.2	169.8	148.2	129.8
7/24/08	117.2	111.0	107.8	106.7	109.5	118.0	130.7	146.3	166.9	175.6	180.6	181.7	183.2	184.1	183.2	184.5	184.7	180.8	177.4	183.0	180.2	168.4	147.5	127.6
7/25/08	115.3	108.8	105.2	104.0	106.8	114.7	125.2	141.9	160.1	173.7	178.6	182.0	182.9	184.4	185.0	183.2	180.7	177.1	174.3	178.0	174.0	162.3	145.2	128.0
7/26/08	114.9	108.6	105.0	102.9	105.0	109.5	116.7	128.4	144.0	156.7	161.3	163.7	165.2	165.6	165.6	166.4	169.1	169.2	168.5	173.8	169.9	159.9	143.6	127.1
7/27/08	114.3	108.1	104.3	101.8	104.1	107.2	112.6	125.3	139.2	152.8	160.2	159.9	160.6	161.2	160.7	161.0	163.0	164.8	167.3	176.0	173.5	161.3	142.1	124.3
7/28/08	113.0	107.1	104.0	102.3	105.2	112.8	126.4	144.2	163.2	175.6	182.0	185.8	187.1	187.9	188.4	187.1	185.1	183.0	181.9	189.4	184.2	169.7	147.3	128.5
7/29/08	116.0	110.6	107.0	106.3	109.0	116.5	129.6	147.4	164.7	177.3	182.8	183.3	184.1	185.2	184.9	185.2	184.0	180.7	180.7	188.2	182.6	167.4	145.5	126.9
7/30/08	115.7	110.1	106.2	104.7	106.7	115.4	130.2	145.5	163.5	174.7	180.0	182.5	184.0	183.0	183.2	181.4	178.6	176.3	176.1	183.3	178.5	164.8	143.6	125.5
7/31/08	112.8	107.3	103.5	102.4	105.6	113.9	129.6	143.5	159.5	171.0	176.4	177.9	181.1	181.9	182.9	181.9	178.5	176.6	176.0	184.2	177.1	164.5	141.9	122.8
8/1/08	110.1	104.7	101.7	100.1	102.3	110.2	124.1	139.6	156.9	169.1	174.5	177.2	178.9	182.0	182.2	182.0	175.5	174.9	171.5	179.9	169.5	156.8	135.4	122.4
8/2/08	111.6	106.0	102.6	100.6	101.8	106.1	111.6	124.8	142.2	155.7	162.8	164.1	164.1	167.8	165.7	163.8	169.0	169.9	166.4	173.5	168.7	156.4	135.9	123.0
8/3/08	111.2	105.2	101.4	99.2	101.0	104.6	110.5	121.3	136.9	149.1	156.0	158.0	159.1	157.8	156.7	156.8	166.2	160.4	163.0	165.4	162.9	157.1	133.8	115.3
8/4/08	106.3	101.7	99.3	98.8	103.8	112.0	126.1	142.1	160.9	172.3	179.0	182.7	184.2	185.7	185.4	188.7	187.6	184.9	181.6	189.8	184.7	164.9	141.9	123.4
8/5/08	112.1	106.8	104.7	102.4	105.3	115.1	129.2	146.4	163.1	174.4	182.0	183.8	185.7	188.6	188.1	181.5	187.1	182.2	177.2	188.9	180.7	164.2	142.2	123.2
8/6/08	111.7	106.7	103.8	102.7	105.6	113.2	130.6	145.3	159.3	171.4	176.1	178.7	179.3	182.0	181.3	180.8	179.8	175.6	176.3	185.0	177.3	162.7	140.8	122.3
8/7/08	112.4	107.7	105.1	104.1	107.0	116.1	130.5	145.9	161.2	171.9	178.5	179.2	176.1	174.4	182.6	186.4	185.1	182.4	180.2	188.7	180.9	165.7	142.3	124.4
8/8/08	113.8	108.7	105.6	104.7	106.5	114.4	128.8	143.2	159.8	170.0	176.1	177.7	177.1	180.7	181.0	182.0	181.9	178.9	173.7	180.7	173.9	161.8	144.9	127.7
8/9/08	114.7	108.2	105.5	104.2	105.4	110.4	115.9	129.1	145.2	157.4	163.3	165.7	167.2	168.2	166.0	167.5	169.5	170.1	167.8	177.5	171.0	160.3	138.4	125.5
8/10/08	113.1	106.1	103.4	102.0	103.4	107.3	113.6	128.8	141.6	153.6	159.1	161.3	162.7	163.3	161.2	165.1	169.3	171.3	171.6	178.9	172.1	159.3	141.3	123.8
8/11/08	112.0	106.6	103.8	103.0	105.4	114.0	126.7	144.3	163.1	175.1	180.1	181.9	181.4	187.0	187.0	187.1	183.3	178.9	179.8	188.3	180.6	163.5	140.8	123.6
8/12/08	111.0	106.3	103.8	102.6	105.6	112.6	126.4	142.2	158.5	169.3	176.1	177.2	178.7	179.8	180.1	179.8	179.2	178.4	177.7	187.0	177.2	160.8	139.5	121.0
8/13/08	109.2	104.0	101.4	100.2	102.2	111.2	125.3	138.2	155.5	168.0	174.3	177.3	179.5	180.3	180.1	180.6	176.8	175.6	177.3	187.0	176.6	161.1	139.4	120.1
8/14/08	110.5	106.1	102.7	103.3	105.2	113.4	129.7	144.3	162.4	173.4	179.7	181.3	181.5	184.2	185.9	185.6	185.3	182.7	180.9	189.6	180.7	165.8	143.2	125.2
8/15/08	111.0	106.5	103.0	102.2	105.1	109.2	119.9	136.1	154.7	167.7	174.5	176.1	175.8	176.9	177.9	179.7	180.3	177.5	174.4	180.4	171.4	161.0	141.1	125.1
8/16/08	112.4	106.8	103.4	101.6	103.4	108.1	113.7	127.1	142.8	154.6	160.4	161.9	161.7	161.3	161.0	161.8	161.8	163.1	162.7	170.2	163.1	154.3	135.7	122.0
8/17/08	109.6	104.3	101.1	99.5	101.1	105.3	110.2	122.6	138.6	149.6	155.1	157.3	157.6	159.0	160.1	161.4	163.7	165.0	166.4	176.6	170.1	156.1	134.7	118.3
8/18/08	107.2	103.0	100.3	99.4	102.3	110.1	125.4	139.7	154.3	166.5	174.2	174.5	175.3	175.8	175.9	175.8	176.3	173.4	172.5	178.8	175.7	154.9	138.3	121.2
8/19/08	109.1	104.3	101.4	100.9	103.3	111.3	127.4	137.7	155.2	165.6	169.9	170.7	172.9	176.2	175.6	176.3	174.2	171.4	171.6	184.7	176.4	159.8	136.5	119.7
8/20/08	107.6	104.1	100.7	100.2	103.4	110.8	126.4	139.2	155.4	164.9	171.6	172.8	168.6	167.0	168.4	169.5	169.2	166.8	168.5	180.0	173.2	156.8	135.6	119.1
8/21/08	108.2	103.1	100.1	99.0	101.9	110.3	126.0	136.8	152.5	162.5	166.5	168.2	169.9	174.4	175.2	175.7	172.8	170.0	170.5	180.0	172.2	158.2	135.6	118.3
8/22/08	107.0	102.7	100.9	100.6	102.8	111.4	126.3	139.7	151.7	165.6	169.5	168.6	172.1	172.9	173.9	174.5	173.9	169.4	167.6	175.2	165.9	156.3	137.8	122.5
8/23/08	110.7	105.3	102.0	100.4	101.1	106.2	113.9	124.0	140.6	153.4	158.6	161.5	161.1	162.0	161.9	162.3	162.9	164.2	163.9	177.6	162.8	152.3	136.2	120.6
8/24/08	110.7	103.9	100.5	98.8	99.4	103.0	108.5	121.8	134.3	148.3	153.9	157.4	158.9	159.4	160.0	160.7	162.1	165.7	166.6	176.8	163.9	156.9	135.0	118.9
8/25/08	108.4	104.7	102.5	101.5	104.2	112.5	130.2	142.1	156.6	172.2	168.1	176.5	176.1	177.6	177.9	179.4	176.2	172.3	173.4	184.3	175.3	159.7	135.1	119.9
8/26/08	108.7	103.9	101.0	99.5	102.6	110.3	124.7	138.8	155.4	162.9	167.4	168.6	170.1	171.4	171.7	172.4	171.7	170.4	171.2	182.6	172.4	156.7	134.5	117.5
8/27/08	107.6	103.2	100.8	99.8	102.4	111.5	125.5	138.9	154.9	166.7	171.4	173.4	173.9	173.4	173.6	175.5	170.2	169.3	170.2	179.2	170.4	155.2	134.1	116.1
8/28/08	107.5	101.7	99.1	98.2	100.1	108.7	123.5	136.0	152.0	161.4	166.9	169.8	170.5	172.2	173.0	170.6	168.7	168.3	168.7	178.5	169.5	153.3	133.0	116.7
8/29/08	105.6	101.6	99.3	98.6	101.0	109.8	122.8	136.0	150.3	161.7	167.5	169.0	169.7	169.0	168.7	168.5	167.0	163.0	163.3	170.8	161.0	152.0	133.2	119.1
8/30/08	109.1	104.0	100.7	99.2	100.5	106.0	112.1	123.8	139.7	150.3	154.5	156.1	157.5	157.2	156.3	156.2	157.2	159.6	161.0	166.4	153.8	145.4	129.1	115.7
8/31/08	106.1	100.7	98.7	97.4	99.1	101.0	108.0	118.1	134.8	145.0	149.3	151.5	151.1	151.3	152.6	153.0	155.2	155.9	157.6	165.3	157.2	145.1	129.7	116.1

Load Summary (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
9/1/08	104.9	101.5	99.2	98.5	99.8	101.8	109.3	119.6	135.2	148.3	154.0	154.3	154.9	154.0	155.3	157.1	160.0	162.9	165.7	176.6	164.1	146.0	125.8	111.4
9/2/08	103.5	99.7	97.9	97.6	99.9	102.0	120.2	133.3	150.4	161.5	169.1	172.4	174.3	174.5	175.1	176.4	174.0	171.5	173.9	184.0	167.0	148.9	128.2	112.9
9/3/08	104.5	101.0	98.5	98.0	99.8	106.2	119.5	133.3	148.9	161.7	168.5	171.6	174.7	176.2	174.5	173.6	170.4	168.4	171.7	183.5	167.9	150.5	129.3	114.6
9/4/08	106.1	102.0	100.4	99.6	102.0	109.0	121.6	136.0	152.6	164.5	170.0	172.7	174.8	177.0	175.1	173.3	172.0	167.6	169.1	179.8	166.3	148.0	127.1	112.9
9/5/08	104.9	100.8	98.9	98.1	100.1	107.5	121.3	135.6	153.3	165.0	172.3	173.6	175.8	177.1	175.9	175.1	171.9	164.9	165.9	172.8	163.1	148.8	130.9	115.4
9/6/08	105.9	101.9	99.7	98.8	99.9	103.7	107.3	117.5	135.9	148.5	153.9	155.3	154.1	154.2	153.7	154.1	154.8	154.9	156.9	166.2	155.8	142.7	125.5	113.8
9/7/08	104.4	100.2	98.3	97.0	98.8	102.6	107.5	116.6	132.5	142.1	148.3	149.6	149.0	149.1	148.3	150.4	152.9	154.3	160.1	169.9	158.4	142.6	124.4	111.0
9/8/08	103.2	99.5	97.8	97.3	99.8	107.0	119.8	136.3	151.5	162.4	167.4	169.1	171.5	174.0	171.6	171.5	170.3	164.7	167.2	178.5	164.4	147.4	126.4	111.9
9/9/08	103.2	99.5	97.6	97.3	98.6	106.1	118.7	132.5	147.1	157.6	164.5	168.7	167.6	170.7	167.2	166.8	165.6	163.8	166.7	177.7	163.8	147.5	125.6	110.4
9/10/08	102.8	99.5	98.1	97.0	99.2	105.1	118.9	131.2	145.1	155.9	162.4	164.7	166.7	167.2	166.6	164.4	162.0	163.9	165.8	174.0	162.1	146.3	125.6	110.8
9/11/08	102.2	99.5	98.3	98.0	100.8	108.5	121.9	133.1	149.4	161.1	167.4	169.1	169.7	169.3	170.0	170.5	168.5	165.4	171.6	178.0	165.9	151.1	127.6	112.8
9/12/08	104.2	100.5	98.8	98.4	100.5	108.6	123.3	135.9	151.4	162.4	167.9	170.7	172.3	173.3	177.3	178.5	177.1	167.1	171.3	176.9	164.5	151.0	132.0	116.8
9/13/08	106.4	101.7	100.0	99.0	100.3	105.0	110.7	130.5	138.1	150.2	156.5	159.2	159.7	159.7	161.1	161.6	164.0	164.9	172.3	173.6	163.0	150.1	129.8	115.2
9/14/08	106.4	101.7	99.6	98.0	99.3	102.7	107.5	117.4	133.4	145.5	152.3	155.6	157.5	158.6	159.5	160.2	162.9	165.2	173.9	180.2	166.7	150.7	127.2	111.6
9/15/08	103.2	100.2	98.9	98.0	100.7	108.3	121.9	135.3	152.0	164.1	171.2	174.5	174.4	176.9	177.3	174.9	174.5	170.4	176.6	183.1	168.3	151.4	126.3	112.0
9/16/08	103.8	100.4	98.1	97.5	[illegible]	107.3	121.4	132.5	144.6	153.1	158.9	159.5	163.7	161.6	163.1	161.1	161.6	161.4	167.8	175.2	161.9	146.4	123.3	108.7
9/17/08	101.1	98.6	97.4	96.5	99.1	106.1	120.3	134.5	147.8	155.1	162.9	164.9	167.5	167.4	170.8	169.7	166.8	163.9	171.7	177.7	164.9	149.3	126.1	111.7
9/18/08	103.1	100.0	98.0	97.6	99.6	108.3	121.3	134.9	150.7	160.5	166.6	170.1	169.7	170.9	171.2	172.3	169.9	167.8	177.8	180.2	165.4	152.2	133.9	115.3
9/19/08	105.9	101.5	99.5	101.3	108.7	122.6	135.9	152.6	165.0	164.6	172.1	174.0	174.0	175.8	178.0	178.2	174.0	168.4	172.4	176.0	161.7	150.2	130.6	113.8
9/20/08	105.5	101.7	99.5	98.3	99.7	104.2	111.2	121.7	137.1	149.3	154.1	157.1	158.7	159.7	159.7	159.1	159.6	163.0	164.7	165.9	154.5	143.4	125.2	112.8
9/21/08	104.7	100.3	98.0	96.7	98.5	102.0	107.9	117.0	132.5	142.5	147.5	150.4	150.4	149.3	150.5	151.0	154.3	155.4	161.9	168.0	155.7	140.7	122.4	109.9
9/22/08	102.7	99.9	97.9	97.4	99.7	107.7	123.0	136.3	150.0	163.0	166.7	170.5	172.0	173.9	172.3	172.0	168.4	166.1	174.8	179.2	163.5	146.6	125.7	111.5
9/23/08	101.9	99.3	98.1	97.8	100.0	107.0	122.4	133.6	149.3	157.3	162.8	162.4	163.4	163.3	163.3	158.1	157.0	159.2	170.0	174.7	160.1	144.0	124.0	110.8
9/24/08	101.5	97.9	97.2	96.6	99.9	107.5	121.7	134.3	148.9	158.9	165.7	166.3	164.7	163.6	167.2	167.5	165.9	165.4	175.2	177.0	162.2	146.4	125.8	112.3
9/25/08	102.8	99.7	98.1	97.6	99.7	107.4	122.1	133.5	148.7	161.0	165.3	168.3	168.8	169.7	168.2	165.3	164.4	164.7	174.5	171.6	158.6	143.9	125.3	111.5
9/26/08	103.9	100.3	97.1	97.4	99.0	107.9	121.0	133.5	149.1	160.0	166.5	169.7	170.8	172.5	174.1	171.9	170.0	165.0	172.5	172.1	158.9	146.4	128.5	114.6
9/27/08	105.6	100.5	98.1	97.9	99.3	103.3	108.8	119.3	136.0	146.5	152.7	155.6	156.2	157.9	157.9	157.0	158.9	160.1	166.6	166.6	155.7	143.4	126.8	113.8
9/28/08	105.1	101.5	98.8	97.6	99.1	102.9	106.9	118.2	133.4	144.1	149.5	152.2	152.9	152.4	152.4	153.0	155.9	159.1	169.7	174.1	160.0	144.8	124.9	110.6
9/29/08	102.8	99.2	97.2	96.7	99.2	107.2	120.2	133.4	149.6	163.6	169.2	170.5	174.7	174.5	174.4	172.8	172.8	170.9	181.7	184.4	168.9	152.2	129.0	112.9
9/30/08	104.6	101.2	99.4	99.2	101.6	109.9	124.8	133.5	147.4	159.0	164.0	163.1	164.9	163.4	164.8	163.6	163.4	161.0	173.2	171.1	157.9	141.7	122.1	109.6
10/1/08	102.0	98.5	95.7	95.3	98.5	107.0	122.0	134.4	149.2	158.2	163.9	165.3	165.4	166.1	167.6	167.4	164.0	162.4	170.6	172.5	159.7	146.3	127.6	112.7
10/2/08	110.1	108.9	96.7	96.5	99.1	108.1	120.6	135.2	150.3	161.4	165.9	169.1	171.0	172.4	171.4	169.5	167.0	164.2	172.1	172.1	161.9	149.0	130.2	115.4
10/3/08	106.4	101.7	99.0	97.3	100.1	108.6	121.8	136.6	150.3	161.1	165.6	167.4	167.6	170.3	169.5	168.1	165.6	160.9	167.8	164.4	155.7	146.9	134.0	116.1
10/4/08	107.8	103.7	99.8	98.7	100.2	105.0	110.5	122.6	139.8	151.4	154.4	156.0	155.3	154.5	153.7	155.8	156.7	156.2	163.9	162.1	152.3	141.1	127.1	114.8
10/5/08	106.5	101.9	96.8	95.6	97.2	101.5	107.2	119.6	134.4	144.8	149.4	150.7	150.8	152.8	152.8	152.0	154.2	154.3	162.8	163.2	154.4	142.6	126.8	113.5
10/6/08	104.0	101.1	98.0	96.7	100.2	106.7	118.5	133.6	150.9	165.4	168.3	172.8	173.2	175.8	175.7	171.6	170.0	167.7	178.4	176.1	163.8	149.6	129.1	113.8
10/7/08	104.7	99.9	97.7	97.2	101.0	107.2	117.8	133.0	148.6	161.8	168.4	171.1	171.3	174.3	175.4	171.3	171.5	169.5	179.7	177.1	165.0	150.3	130.4	114.7
10/8/08	105.2	101.2	99.4	98.0	101.0	108.7	119.6	133.8	149.5	159.5	165.4	168.3	167.1	169.9	170.3	170.9	169.4	168.5	180.3	178.0	164.8	149.4	128.5	114.2
10/9/08	104.6	100.3	97.3	96.9	99.2	106.7	118.5	133.8	150.2	161.4	165.3	168.4	169.1	170.7	172.3	169.4	168.1	167.4	180.5	176.0	164.7	151.7	131.5	116.1
10/10/08	106.3	101.4	99.2	98.7	101.9	109.9	120.9	134.3	150.0	162.1	167.5	169.2	170.1	168.9	171.5	169.7	166.7	164.4	173.7	168.5	158.6	147.5	130.0	117.5
10/11/08	107.1	102.6	99.2	99.2	99.0	103.4	111.7	123.5	137.8	149.2	154.6	155.2	155.9	155.6	156.2	155.7	157.6	159.7	168.2	163.4	152.8	142.9	126.3	113.4
10/12/08	104.8	99.9	96.6	96.0	97.2	102.1	108.5	119.1	133.9	141.0	147.9	149.7	150.4	150.4	153.0	154.3	155.3	159.2	172.4	169.6	157.1	144.6	125.3	111.6
10/13/08	103.0	98.6	96.4	98.5	97.4	106.1	122.2	134.9	149.4	159.3	165.2	168.3	168.3	167.4	167.3	166.5	165.1	168.9	179.8	174.2	163.3	146.9	128.8	113.9
10/14/08	104.3	99.9	98.7	97.8	100.1	110.1	126.4	137.8	152.4	162.5	164.3	167.0	167.9	168.3	172.2	171.1	168.4	168.7	182.1	177.2	164.2	149.3	129.0	115.1
10/15/08	106.7	101.5	99.1	98.0	101.7	109.2	122.8	136.9	152.1	163.7	167.1	171.1	170.3	165.4	167.7	166.6	166.2	178.4	184.2	179.9	166.9	150.6	129.6	114.7
10/16/08	105.7	101.1	99.1	98.3	101.2	109.2	123.6	139.4	149.6	163.4	167.8	168.2	168.5	168.4	169.0	168.1	164.4	162.8	176.5	173.1	162.2	149.6	128.5	113.6
10/17/08	104.7	100.8	98.7	97.5	101.2	108.8	125.2	135.5	148.3	158.6	158.7	163.3	163.0	164.5	164.5	164.9	161.6	160.3	163.7	165.7	155.8	145.2	128.5	114.7
10/18/08	105.0	100.6	97.7	96.6	99.5	104.9	112.4	123.1	137.0	147.2	151.0	151.3	152.1	150.3	151.3	153.0	155.0	156.8	167.9	161.5	149.6	141.5	126.4	114.9
10/19/08	103.4	98.0	95.4	94.7	96.3	100.6	110.0	121.3	132.2	142.8	146.8	148.9	149.0	148.0	148.5	148.6	150.6	156.2	170.1	165.2	153.5	129.6	126.4	113.9
10/20/08	101.0	97.7	95.3	95.7	99.5	109.1	126.1	138.4	150.2	161.1	163.8	168.2	169.1	170.3	170.0	169.5	167.8	167.1	181.9	177.0	161.9	147.1	127.3	110.3
10/21/08	102.3	99.5	97.6	96.9	99.8	108.6	124.6	136.2	149.5	159.4	166.0	168.3	170.7	170.0	172.9	173.6	174.3	174.2	188.7	183.8	167.8	150.6	129.7	115.0
10/22/08	104.9	102.1	99.2	98.4	101.5	113.6	128.6	140.6	155.1	166.6	172.6	174.4	175.2	175.6	175.8	173.7	171.0	167.3	191.1	176.6	163.8	149.0	126.4	114.0
10/23/08	103.6	99.0	97.0	96.3	99.7	108.6	123.5	135.0	146.8	156.9	160.8	161.8	163.5	165.9	166.7	162.2	161.8	164.4	174.2	169.4	159.1	147.4	126.6	112.2
10/24/08	104.1	100.5	98.6	97.8	99.6	110.8	123.9	136.7	149.8	159.8	156.6	157.1	163.4	164.4	161.4	162.1	162.0	164.5	173.7	167.8	157.5	146.2	130.1	116.3
10/25/08	106.8	102.2	99.4	98.3	100.2	106.4	114.0	125.6	139.9	152.6	155.0	157.4	158.2	159.3	156.7	158.0	159.5	163.1	170.9	163.7	155.2	145.4	129.5	114.3
10/26/08	105.6	100.8	98.0	96.4	98.0	102.6	109.2	120.6	134.4	144.7	149.3	150.3	152.6	153.0	154.5	157.0	160.4	165.8	179.0	173.3	159.2	145.9	128.9	113.1
10/27/08	103.2	99.5	97.2	96.7	99.7	108.4	123.5	135.1	151.3	162.6	166.9	168.6	171.3	173.3	173.5	173.6	172.3	171.0	189.1	181.2	167.3	150.6	130.1	115.0
10/28/08	105.5	101.0	98.9	98.2	101.6	111.4	128.4	139.2	152.6	162.3	168.4	170.5	169.5	169.3	170.5	167.8	164.8	169.5	184.0	179.3	164.7	148.9	129.0	114.6
10/29/08	107.0	103.0	100.6	99.9	102.2	113.3	119.7	141.4	155.8	166.8	173.0	173.5	173.7	175.2	177.7	174.0	172.3	170.7	185.4	179.8	161.4	148.6	129.8	114.0
10/30/08	104.6	100.6	99.1	98.7	102.4	110.3	116.4	137.1	153.9	164.2	167.5	169.7	171.3	171.3	169.4	169.8	167.3	170.6	183.5	174.6	162.4	147.6	127.9	113.2
10/31/08	104.1	100.2	98.3	98.6	100.8	111.3	120.2	137.5	147.3	156.7	159.7	162.2	163.5	165.2	163.9	163.2	162.9	159.2	160.4	149.3	143.3	135.8	124.4	111.5

Load Summary (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
11/1/08	103.1	98.6	96.6	95.4	97.7	101.8	108.5	115.8	134.5	147.0	150.8	152.7	150.9	151.9	150.1	151.2	152.1	156.2	169.2	160.5	151.2	140.0	125.8	[illegible]
11/2/08	101.7	96.7	94.7	92.6	95.5	99.2	106.2	118.8	134.1	143.3	147.1	149.2	150.7	150.2	151.9	153.6	155.7	159.2	173.0	164.7	152.7	140.6	126.2	110.4
11/3/08	102.2	96.8	94.9	95.0	97.1	118.9	121.0	136.5	148.8	167.2	165.3	167.2	168.6	170.7	170.1	165.6	165.9	167.4	181.7	174.4	161.5	147.3	127.8	112.6
11/4/08	103.5	106.9	101.7	98.0	99.9	107.9	118.8	131.0	145.4	157.3	159.4	160.9	162.1	160.9	160.0	159.2	161.5	169.0	180.9	172.8	161.8	147.1	128.6	112.6
11/5/08	102.3	101.4	96.6	96.2	100.7	112.4	128.2	138.6	153.3	164.0	168.0	170.0	171.6	171.3	173.8	176.0	168.2	192.0	185.3	176.8	163.3	148.9	126.7	111.6
11/6/08	101.6	96.6	93.5	95.5	96.1	106.1	124.2	135.0	148.2	159.7	164.1	166.0	167.5	167.5	167.2	168.3	166.4	166.5	181.2	173.7	162.4	146.1	127.4	113.2
11/7/08	102.2	97.6	96.5	95.5	99.3	109.7	125.9	137.9	152.0	159.3	162.0	164.3	164.7	172.5	177.8	166.9	165.7	168.3	179.4	172.7	167.6	148.5	130.7	115.1
11/8/08	105.1	100.0	97.9	96.4	98.1	103.6	112.9	124.4	139.3	148.4	151.7	152.8	152.6	152.1	154.4	155.2	156.0	160.6	172.9	163.6	152.5	141.9	128.5	115.2
11/9/08	106.1	98.5	95.8	95.1	96.6	101.3	109.3	121.2	135.7	144.6	148.9	150.2	152.5	151.9	152.3	152.4	153.9	158.9	173.9	166.0	155.0	143.6	125.0	110.7
11/10/08	101.6	97.2	94.2	94.5	98.2	106.2	122.8	137.0	151.9	160.4	161.8	162.1	163.5	166.0	164.9	166.3	165.9	167.7	183.2	175.0	160.8	146.8	129.9	114.9
11/11/08	104.8	98.7	96.3	96.5	99.6	105.6	116.4	129.0	144.9	156.4	160.1	161.5	162.6	162.8	163.9	155.3	167.2	171.6	185.8	178.2	164.4	149.0	129.6	113.8
11/12/08	104.8	99.5	97.1	96.7	99.9	109.6	125.2	137.6	151.8	160.2	164.2	167.6	168.6	170.3	169.2	169.2	168.9	172.5	187.5	179.1	165.5	151.2	110.0	113.1
11/13/08	103.0	98.5	95.5	95.6	95.5	109.3	125.8	137.2	152.1	163.4	164.2	170.1	170.8	170.1	168.5	168.1	168.2	173.9	186.3	178.0	164.3	150.5	130.3	113.6
11/14/08	104.2	99.1	96.9	96.9	99.9	109.7	127.6	136.6	153.1	162.6	167.9	169.0	170.6	171.3	171.6	171.2	169.7	170.7	182.2	172.6	161.3	149.7	132.0	116.8
11/15/08	107.0	101.4	98.4	95.5	96.9	102.2	110.5	123.7	141.1	150.1	155.3	158.8	159.4	159.4	157.8	159.5	159.6	162.4	173.8	166.3	155.2	142.9	127.2	114.0
11/16/08	102.8	97.3	94.5	93.8	95.7	100.5	108.4	119.8	134.1	142.0	149.1	149.6	147.4	147.7	147.2	148.9	151.6	158.5	173.1	163.9	154.0	136.4	122.1	111.4
11/17/08	98.7	92.7	91.2	94.1	98.2	105.5	123.9	138.2	157.7	160.5	163.5	164.7	163.9	165.8	163.5	162.3	161.4	166.7	181.5	173.1	162.1	141.1	125.4	110.6
11/18/08	100.2	95.0	93.5	94.4	97.1	108.0	126.2	136.9	148.0	155.8	157.3	155.8	154.0	151.9	147.6	151.3	152.6	158.7	175.0	167.5	153.8	137.5	120.0	105.6
11/19/08	95.3	91.6	89.8	90.0	94.2	104.8	123.0	145.7	147.4	154.7	157.1	157.2	157.7	158.6	156.5	157.2	157.7	162.8	176.3	166.8	155.2	139.5	120.2	106.2
11/20/08	96.9	92.2	90.5	90.4	93.2	103.5	120.2	129.4	142.0	153.4	155.4	161.0	159.5	162.4	162.8	161.9	161.0	166.4	178.1	162.8	145.9	142.5	123.9	108.4
11/21/08	97.3	93.0	91.5	91.5	93.8	102.4	118.7	129.6	142.8	154.8	160.8	161.9	163.5	166.3	162.4	163.2	163.7	169.8	176.8	169.9	158.0	145.2	129.4	115.3
11/22/08	105.0	99.1	96.3	95.5	97.6	102.6	110.6	123.8	138.4	151.0	155.4	155.4	149.5	146.6	146.7	145.9	151.5	164.9	171.7	158.7	146.9	138.8	126.1	101.7
11/23/08	95.8	93.9	89.9	90.8	93.0	98.9	105.2	118.7	133.9	143.3	148.0	148.8	147.2	147.2	149.2	148.3	150.8	160.1	175.4	165.4	153.0	139.1	122.1	109.3
11/24/08	102.4	92.9	91.4	90.8	94.4	102.5	102.9	133.9	149.0	157.2	158.8	159.4	160.1	159.4	161.1	161.8	160.6	164.4	178.9	171.1	157.3	141.5	122.5	106.8
11/25/08	97.7	91.8	92.0	91.5	93.9	103.6	120.9	131.8	145.5	152.5	156.2	156.0	155.4	159.2	157.5	159.9	159.4	164.1	178.6	170.9	158.9	144.4	124.5	108.4
11/26/08	98.4	97.8	91.7	92.1	95.6	105.7	120.9	131.5	147.0	155.9	158.5	160.0	160.7	162.0	161.8	160.5	155.3	163.1	176.4	171.8	160.1	148.5	129.6	114.2
11/27/08	102.8	97.1	93.7	92.6	95.0	100.4	107.9	119.2	137.5	150.0	156.5	158.6	158.2	155.0	154.0	153.7	151.8	150.2	152.2	145.5	140.2	133.5	119.6	106.6
11/28/08	98.5	93.8	92.3	92.6	95.1	100.8	109.4	119.7	137.2	148.8	150.5	152.0	153.6	155.5	154.5	155.0	156.3	160.5	173.0	164.2	154.0	141.1	127.5	110.0
11/29/08	100.3	94.6	93.1	92.3	93.6	98.2	105.7	115.1	131.8	144.6	146.7	146.2	145.6	144.1	140.4	140.8	144.6	152.7	163.3	156.7	147.0	136.8	120.2	105.7
11/30/08	97.9	92.4	89.8	89.2	90.8	96.0	101.7	114.2	128.4	137.5	141.1	142.5	142.3	142.7	144.2	146.6	149.3	150.9	171.7	164.3	153.4	139.7	121.6	106.9
12/1/08	98.1	93.3	93.6	91.3	94.7	105.7	119.7	134.8	149.3	159.8	162.0	162.8	164.5	164.5	164.0	162.5	161.5	168.7	185.4	166.3	163.4	147.3	128.1	110.7
12/2/08	100.9	96.1	94.6	94.4	98.4	109.6	126.6	136.8	149.8	159.9	163.5	163.9	163.2	163.2	164.7	163.9	164.0	168.1	157.7	177.5	163.1	146.9	126.4	108.4
12/3/08	99.1	94.8	92.0	92.8	98.4	107.3	123.9	141.9	143.8	155.5	160.6	161.3	163.1	163.1	164.1	163.9	164.8	168.4	183.1	175.0	163.5	147.8	127.4	110.5
12/4/08	100.7	97.2	93.8	94.5	97.5	106.3	121.9	133.3	146.1	156.6	159.0	160.6	159.8	159.3	158.7	158.8	157.4	161.8	177.7	171.2	159.0	144.4	125.4	109.9
12/5/08	100.0	94.9	93.3	92.9	96.2	105.4	122.8	132.3	143.5	152.3	155.7	156.6	157.4	155.9	156.0	154.7	154.3	156.2	168.3	161.0	152.1	140.8	124.3	109.6
12/6/08	99.4	94.0	91.4	91.1	93.2	99.0	106.0	117.0	131.3	141.9	144.2	144.3	143.7	144.2	144.2	147.1	149.2	154.1	165.5	159.5	150.2	138.0	122.5	108.3
12/7/08	98.1	94.5	92.0	90.4	90.8	95.5	102.9	113.0	128.3	138.7	141.6	141.0	141.1	141.4	141.0	143.9	147.4	158.8	172.9	166.0	157.9	140.2	122.4	108.1
12/8/08	98.3	93.3	91.5	90.9	94.1	104.1	122.3	132.5	144.0	151.8	156.5	156.8	157.4	157.9	157.1	156.1	155.6	160.4	177.0	170.4	158.1	141.5	120.7	105.7
12/9/08	96.6	92.9	91.9	91.9	94.9	104.6	120.1	128.1	140.4	146.6	150.4	153.6	152.9	153.3	155.4	154.2	154.4	165.9	184.8	175.0	162.7	146.5	125.4	109.3
12/10/08	99.7	95.1	91.9	90.8	95.0	105.5	122.4	132.8	144.0	152.0	157.5	157.2	158.2	150.4	158.5	157.3	157.9	162.1	180.7	173.9	162.5	146.4	126.1	109.0
12/11/08	99.2	95.5	93.9	93.8	96.8	107.4	123.8	137.2	151.0	159.8	162.0	160.0	157.8	156.0	153.2	155.5	157.7	168.7	176.2	166.4	153.6	138.9	119.8	105.6
12/12/08	96.5	91.3	89.7	89.2	92.8	102.6	120.5	135.3	141.6	152.4	155.5	155.1	154.8	157.8	158.8	159.1	159.6	162.6	173.6	165.4	153.3	143.8	126.0	111.4
12/13/08	100.5	95.2	91.9	91.1	93.4	94.2	106.7	116.4	133.2	144.5	148.2	149.3	148.4	148.4	146.9	149.5	155.8	161.8	168.5	161.1	152.7	141.5	126.7	111.2
12/14/08	101.4	95.9	93.3	92.2	94.9	99.4	110.0	116.7	131.0	146.3	147.9	149.4	148.8	149.0	149.1	150.2	153.2	160.7	176.6	171.2	159.1	142.9	121.3	106.9
12/15/08	97.4	93.2	91.1	91.0	95.1	104.8	121.0	131.5	145.5	153.9	157.5	158.4	158.4	158.6	157.7	157.0	157.2	165.4	182.1	175.7	162.5	146.7	124.5	107.4
12/16/08	97.6	91.9	90.6	89.9	93.5	103.4	120.3	129.0	140.4	148.4	152.2	155.4	154.2	154.7	155.2	155.0	154.2	160.0	176.4	170.5	158.5	143.3	122.6	105.8
12/17/08	96.5	91.1	89.2	89.3	93.2	101.5	115.1	127.6	138.2	148.3	149.4	157.8	156.2	156.6	158.6	157.7	158.4	162.9	179.5	172.1	160.4	146.9	124.6	106.9
12/18/08	97.2	90.7	90.0	90.0	93.5	102.4	117.8	126.9	138.0	146.1	149.8	151.1	152.6	154.3	154.7	156.9	159.0	163.2	174.3	170.4	156.2	146.2	126.0	109.9
12/19/08	98.6	93.6	91.0	90.8	94.7	103.0	117.0	127.0	139.8	150.4	153.3	153.9	155.0	154.3	155.3	152.9	153.4	160.3	172.7	165.0	154.1	145.4	126.1	110.7
12/20/08	101.3	95.8	91.8	91.4	93.5	98.5	106.2	115.0	131.4	143.3	147.0	147.0	146.4	145.0	147.9	147.7	151.2	157.7	169.5	164.6	152.4	142.3	125.5	110.4
12/21/08	100.4	95.0	91.8	90.1	91.4	95.4	106.4	112.7	127.9	137.4	139.5	139.1	139.8	141.2	142.3	144.2	148.6	156.5	175.4	167.9	157.9	145.9	126.2	110.2
12/22/08	98.6	93.6	90.9	90.6	94.2	101.9	113.5	125.1	140.1	152.5	156.2	156.5	157.2	156.8	155.8	155.6	157.4	162.0	181.6	176.2	163.6	150.9	129.2	110.5
12/23/08	99.2	94.0	91.3	92.0	93.7	102.0	113.6	126.4	141.4	152.4	155.1	154.2	154.5	155.3	156.4	155.9	157.7	161.8	180.2	174.9	162.8	152.9	131.7	113.9
12/24/08	101.4	95.3	93.3	92.8	94.9	102.0	113.1	127.9	142.9	151.7	155.2	155.4	154.1	153.2	152.9	156.6	162.4	165.7	172.3	161.8	151.5	144.9	130.2	115.2
12/25/08	103.1	97.2	93.6	91.9	93.1	98.6	103.0	115.8	130.9	139.9	142.1	141.3	139.9	138.9	139.6	143.3	147.4	150.2	159.1	154.4	146.9	140.0	123.7	109.1
12/26/08	99.4	94.8	92.6	91.4	93.8	100.3	109.2	121.4	139.7	152.4	153.6	152.3	151.5	149.4	146.4	147.6	150.9	160.9	178.2	170.6	157.8	145.3	127.1	111.7
12/27/08	95.8	92.6	90.0	89.1	91.8	96.9	102.8	113.7	130.7	147.5	152.5	151.1	149.9	147.4	145.2	146.7	152.5	161.4	176.5	169.8	157.8	145.0	127.5	109.5
12/28/08	97.6	92.9	90.6	89.9	91.6	96.3	103.6	113.9	129.8	142.5	146.9	147.9	146.6	146.5	144.0	147.5	152.1	163.2	179.1	170.9	159.0	146.6	127.2	109.1
12/29/08	97.7	92.0	90.1	90.3	93.6	101.6	112.8	127.2	143.3	156.4	160.9	161.1	160.4	159.4	159.4	159.4	159.9	170.1	187.0	180.2	166.8	152.9	130.6	112.2
12/30/08	99.1	94.5	91.7	91.6	95.0	100.2	115.3	129.0	145.9	158.2	161.7	161.1	159.1	156.5	155.3	154.6	157.5	169.3	188.1	180.1	165.9	151.7	130.7	112.3
12/31/08	100.5	94.5	91.8	91.2	95.2	101.8	115.0	129.6	144.1	156.2	161.6	159.9	155.0	155.6	157.3	159.1	166.0	174.1	187.9	171.3	152.6	141.9	129.5	118.2

Hourly Transaction Pattern 5

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
1/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.778	28.457	28.419	28.186	29.494	29.969	29.900	29.840	29.875	29.673	30.120	30.064	30.105	30.120	0.000	0.000	0.000
1/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.000	26.785	27.723	28.508	27.090	28.394	28.545	28.930	29.941	30.076	30.064	29.714	29.916	29.998	0.000	0.000	0.000
1/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.536	27.802	26.958	27.906	26.731	26.992	25.096	27.770	27.909	28.130	28.439	28.612	28.656	28.722	0.000	0.000	0.000
1/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.084	27.119	27.056	27.944	26.107	22.343	15.662	17.420	19.543	18.094	24.329	26.829	27.663	27.364	0.000	0.000	0.000
1/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.997	24.041	27.122	25.830	11.775	0.948	0.035	0.000	0.063	0.233	1.392	0.224	0.000	0.000	0.000	0.000	0.000
1/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.945	2.016	0.202	0.252	0.397	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.685	0.003	0.000	0.003	1.852	3.815	2.136	1.301	1.077	0.111	0.000	0.000	0.000	0.016	0.000	0.000	0.000
1/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.700	0.586	0.000	0.784	0.721	0.000	0.381	0.810	1.232	1.899	0.759	0.000	0.000	0.000	0.000	0.000	0.000
1/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.088	0.022	0.211	0.299	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.465	7.491	0.000	0.000	0.000	0.003	0.038	0.000	0.000	0.567	2.835	1.543	0.504	0.167	0.000	0.000	0.000
1/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.164	0.050	0.035	0.000	0.000	0.000
1/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.471	2.873	6.574	5.777	11.630	19.987	19.067	18.031	22.469	22.595	22.841	21.174	22.479	28.117	0.000	0.000	0.000
1/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.972	26.555	28.621	28.527	28.041	28.394	29.815	29.815	29.046	29.239	28.845	28.785	29.263	29.377	0.000	0.000	0.000
1/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.003	21.077	19.902	17.564	16.292	14.988	17.810	18.002	16.906	12.940	13.829	19.549	16.973	16.994	0.000	0.000	0.000
1/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.766	12.676	13.063	10.830	5.736	0.306	0.019	0.006	0.290	4.476	11.192	13.781	11.097	10.824	0.000	0.000	0.000
1/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.378	13.989	14.226	13.952	11.702	2.744	0.019	0.010	0.268	5.109	10.294	15.423	17.524	18.456	0.000	0.000	0.000
1/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.558	3.834	0.038	0.019	1.270	9.371	22.428	12.865	9.548	2.423	5.176	1.163	7.727	13.293	0.000	0.000	0.000
1/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.457	26.353	19.177	9.602	0.392	0.706	4.089	13.860	22.475	28.297	29.034	28.744	29.953	29.739	0.000	0.000	0.000
1/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.988	29.884	29.743	29.522	29.100	26.715	28.804	27.465	28.375	26.734	28.089	28.778	29.932	30.067	0.000	0.000	0.000
1/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.653	28.183	28.662	29.311	27.591	28.284	29.635	29.428	29.865	30.070	30.092	29.109	30.099	29.664	0.000	0.000	0.000
1/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.670	28.167	28.958	27.682	28.514	29.390	26.262	29.752	29.651	29.919	29.909	28.583	29.717	30.054	0.000	0.000	0.000
1/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.862	29.755	29.059	25.452	14.027	23.877	22.245	21.177	19.035	27.298	28.527	28.123	28.842	27.815	0.000	0.000	0.000
1/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.345	29.774	28.615	25.506	21.578	20.394	14.840	13.358	14.588	14.969	19.678	26.199	29.670	28.482	0.000	0.000	0.000
1/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.649	29.553	27.434	21.278	17.876	18.162	17.035	16.046	22.245	25.940	29.629	29.796	29.512	29.263	0.000	0.000	0.000
1/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.378	29.812	29.941	29.979	29.626	29.802	28.423	28.207	29.859	29.553	29.821	30.007	29.097	28.476	0.000	0.000	0.000
1/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.419	28.476	28.375	29.569	29.031	28.968	28.416	29.547	29.720	29.336	30.124	26.681	25.515	29.755	0.000	0.000	0.000
1/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.266	29.131	29.327	25.172	25.777	29.018	29.799	29.809	29.979	29.248	30.133	28.505	27.874	28.901	0.000	0.000	0.000
1/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.849	26.145	28.296	29.925	29.393	28.341	29.976	29.944	29.298	29.015	29.916	29.979	30.130	30.127	0.000	0.000	0.000
1/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.111	30.061	30.051	30.054	30.102	29.431	30.111	30.070	29.950	30.004	30.007	29.960	29.459	29.068	0.000	0.000	0.000
1/31/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.643	27.726	28.634	29.374	29.257	29.103	29.544	29.931	29.742	29.985	30.057	29.494	28.520	28.637	0.000	0.000	0.000
2/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.842	29.950	29.717	29.598	29.361	28.032	29.084	27.210	26.914	27.566	29.491	29.985	30.098	30.108	0.000	0.000	0.000
2/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.172	26.955	28.325	28.435	28.338	24.139	29.560	29.840	30.007	29.547	29.588	29.481	22.321	14.648	0.000	0.000	0.000
2/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.332	0.285	2.482	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.214	8.637	0.986	10.150	0.000	0.000	0.000
2/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.058	25.663	27.244	26.756	29.733	29.928	28.700	29.323	29.972	30.070	29.985	28.561	28.577	28.347	0.000	0.000	0.000
2/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.301	28.631	29.947	29.985	29.635	29.661	29.676	28.334	29.698	29.538	30.067	29.786	23.473	23.159	0.000	0.000	0.000
2/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.934	27.251	24.277	11.265	7.441	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.028	0.000	0.000	0.000	0.000
2/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.189	2.331	9.163	1.503	0.630	0.000	0.000	0.000	0.000
2/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.743	18.059	17.637	15.775	14.717	19.215	24.315	26.769	26.073	29.241	28.435	29.705	29.871	29.960	0.000	0.000	0.000
2/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.415	30.096	24.066	18.408	23.414	13.341	8.971	17.029	6.303	0.117	3.497	5.264	6.278	7.289	0.000	0.000	0.000
2/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.075	0.000	0.000	0.000	0.000	0.000	0.003	0.010	0.044	0.025	0.044	1.959	6.707	22.778	0.000	0.000	0.000
2/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.572	14.018	13.280	14.715	17.095	22.478	23.594	21.764	24.299	25.159	8.682	1.021	10.234	26.882	0.000	0.000	0.000
2/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.381	0.000	0.000	0.000	0.177	0.296	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.114	12.046	2.980	5.894	7.850	6.382	7.359	10.323	1.890	1.370	2.164	0.000	0.000	2.237	0.000	0.000	0.000
2/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.695	9.875	6.593	7.881	7.415	6.289	9.741	9.853	7.012	9.059	15.827	8.433	1.569	3.005	0.000	0.000	0.000
2/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.218	0.070	0.933	1.149	1.594	1.018	0.199	0.013	0.211	0.000	0.000	0.000
2/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.807	1.285	0.781	1.566	2.356	1.799	1.660	0.866	0.236	0.022	0.000	0.000	0.000	0.019	0.000	0.000	0.000
2/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.299	0.000	0.016	0.000	0.511	0.715	0.189	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.218	0.079	0.104	0.016	0.000	0.000	0.000	0.000	0.000	0.000
2/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.139	0.544	0.000	0.117	0.040	0.211	0.044	0.006	0.000	0.000	1.752	2.838	3.386	4.153	0.000	0.000	0.000
2/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.227	1.005	0.013	0.000	0.000	0.000
2/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.104	1.607	1.679	2.448	2.807	1.430	1.956	1.969	3.538	6.552	7.037	0.000	0.000	0.000
2/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.203	11.324	10.190	11.828	13.412	13.605	12.735	15.533	15.130	18.806	16.191	9.957	5.569	6.241	0.000	0.000	0.000
2/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	7.155	0.835	0.186	0.047	0.000	0.019	0.493	0.000	0.000	0.000
2/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.668	0.405	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.183	0.000	0.000	0.000
2/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.010	0.888	0.000	0.000	0.000
2/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.721	4.130	4.221	15.382	19.892	16.352	16.704	6.306	1.474	7.991	15.851	22.107	24.863	24.659	0.000	0.000	0.000
2/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	0.000	0.000	0.000	0.000	0.000	0.114	1.134	0.942	0.123	0.266	0.000	0.000	0.551	0.000	0.000	0.000

Hourly Transaction Pattern 5 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
3/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.180	2.539	0.000	0.000	0.000	0.000	0.000	0.176	2.139	2.624	3.431	1.257	0.051	0.000	0.000	0.000	0.000
3/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.133	0.665	0.407	0.794	0.243	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.363	0.280	2.054	2.356	3.619	2.486	1.235	1.471	0.649	0.041	0.309	0.000	0.000	0.000
3/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.114	0.000	0.000	0.000	0.000	0.882	0.205	0.016	0.296	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.087	0.974	0.003	0.003	0.000	0.041	1.210	0.051	0.000	0.000	0.000	0.000	0.397	0.047	0.000	0.000	0.000
3/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.972	3.030	0.000	0.180	4.832	5.327	3.546	0.000	0.576	0.454	0.652	0.000	0.000	0.000	0.000	0.000	0.000
3/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.473	1.484	1.877	1.704	1.203	0.428	0.192	0.000	0.000	0.000	0.000	0.000
3/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.384	2.599	0.706	0.444	0.047	0.321	0.000	0.000	0.000	0.000	0.000	0.000
3/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.389	0.132	0.258	0.095	0.000	0.142	0.265	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.271	0.029	0.006	1.065	0.070	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.857	0.312	3.330	1.456	1.534	1.366	0.085	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.486	4.711	1.112	0.000	1.664	2.539	2.445	3.928	11.655	16.028	13.287	15.750	16.065	19.987	0.000	0.000	0.000
3/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.378	23.981	23.745	17.776	10.115	4.747	6.105	11.709	12.269	17.142	19.187	22.107	24.359	21.908	0.000	0.000	0.000
3/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.858	23.187	23.547	17.171	9.397	11.505	14.601	12.373	17.756	22.350	25.131	27.594	27.922	28.246	0.000	0.000	0.000
3/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.326	15.738	19.319	23.086	23.644	22.948	23.365	15.593	15.476	22.135	25.111	29.473	29.065	30.351	0.000	0.000	0.000
3/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.443	23.691	9.397	6.694	3.151	2.747	2.788	4.268	15.744	25.119	23.850	11.382	15.728	22.716	0.000	0.000	0.000
3/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.361	2.621	0.260	0.000	0.246	0.000	0.000	0.000	0.000	0.000	1.663	1.525	0.400	0.107	0.000	0.000	0.000
3/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.994	21.908	23.442	27.106	29.824	30.004	29.891	29.799	29.519	29.758	23.758	28.502	28.467	28.492	0.000	0.000	0.000
3/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.506	28.048	27.191	25.417	26.681	27.103	26.205	28.476	28.108	28.561	28.552	28.379	28.624	29.416	0.000	0.000	0.000
3/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.235	1.143	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.173	4.170	7.390	12.102	21.045	25.962	26.495	26.917	27.771	0.000	0.000	0.000
3/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.516	11.759	8.562	12.985	17.291	19.284	18.484	22.141	26.624	26.558	25.739	26.671	27.118	26.652	0.000	0.000	0.000
3/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.999	17.149	17.448	16.459	16.434	9.718	3.024	0.154	0.457	4.495	0.069	0.000	0.000	4.372	0.000	0.000	0.000
3/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	2.649	0.709	0.038	0.019	0.176	0.690	0.092	0.019	0.589	4.946	9.904	0.013	0.000	0.000	0.000	0.000
3/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041	0.000	0.003	0.016	0.826	3.563	2.964	3.799	1.015	3.100	3.938	17.706	22.721	24.907	0.000	0.000	0.000
3/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.505	16.424	9.476	4.010	0.684	0.000	0.451	0.145	0.589	6.637	20.888	25.606	27.077	27.125	0.000	0.000	0.000
3/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.377	5.437	0.444	4.146	4.467	4.256	0.907	0.057	0.006	0.095	0.000	0.189	0.003	0.161	0.000	0.000	0.000
3/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.126	25.808	25.096	24.334	21.442	12.351	9.390	14.626	14.928	6.436	12.499	18.342	16.336	16.191	0.000	0.000	0.000
3/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.160	15.108	25.588	22.860	6.634	1.644	4.243	12.616	10.814	8.710	18.828	21.934	25.915	26.233	0.000	0.000	0.000
3/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.008	20.900	9.066	15.281	21.597	18.960	21.650	24.463	25.476	27.506	28.375	28.545	28.539	28.583	0.000	0.000	0.000
3/31/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.994	28.313	28.470	28.278	28.123	26.142	28.013	28.369	28.533	27.761	28.233	28.643	28.555	28.514	0.000	0.000	0.000
4/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.407	28.064	27.934	28.142	26.901	25.981	28.095	28.385	29.478	29.692	30.237	30.240	29.613	29.172	0.000	0.000	0.000
4/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.445	26.372	22.746	28.379	29.585	26.095	0.158	0.000	0.000	0.753	0.838	4.451	11.475	17.892	0.000	0.000	0.000
4/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.151	2.379	11.138	17.627	7.251	13.158	6.202	11.879	14.055	13.284	19.691	22.491	24.239	26.416	0.000	0.000	0.000
4/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.877	6.278	7.006	10.313	0.211	0.428	0.899	2.347	6.114	8.178	9.223	5.944	8.023	24.910	0.000	0.000	0.000
4/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.930	21.134	24.321	24.891	22.705	22.645	11.593	14.659	19.238	21.466	17.610	17.254	19.024	14.913	0.000	0.000	0.000
4/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.396	22.734	22.456	23.877	23.653	26.690	25.364	27.651	27.619	28.325	22.631	25.474	25.780	23.968	0.000	0.000	0.000
4/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.707	8.811	8.108	7.358	8.674	11.658	18.612	26.396	21.013	18.270	21.384	24.479	21.578	14.761	0.000	0.000	0.000
4/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.293	0.022	0.000	0.022	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.559	2.618	0.655	0.003	0.000	0.000	0.315	0.041	0.807	1.597	1.225	5.472	10.549	8.765	0.000	0.000	0.000
4/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.958	0.000	0.000	0.026	2.067	0.621	0.000	0.000	0.000	2.208	15.558	24.627	23.516	23.181	0.000	0.000	0.000
4/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.637	30.239	23.638	24.931	24.120	21.496	15.432	13.879	15.879	23.546	19.139	23.292	23.675	26.747	0.000	0.000	0.000
4/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.364	19.993	15.552	22.560	11.175	11.718	14.458	18.106	19.974	25.071	28.848	29.717	30.016	30.101	0.000	0.000	0.000
4/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.519	28.923	28.536	27.799	28.199	27.881	27.389	28.092	28.007	28.202	29.566	29.824	29.223	29.122	0.000	0.000	0.000
4/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.664	17.996	20.541	10.052	7.179	3.128	4.057	4.637	11.869	16.459	14.078	19.196	24.060	19.785	0.000	0.000	0.000
4/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.011	0.545	5.642	6.351	11.598	9.604	0.180	0.000	0.000	0.000	0.000	0.000	0.000
4/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.646	2.155	2.760	2.155	1.440	2.230	6.202	1.714	1.040	0.759	0.000	0.000	0.000
4/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.416	0.640	0.690	2.211	2.139	0.967	0.032	0.000	0.000	0.277	4.798	10.559	0.000	0.000	0.000
4/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.082	6.621	17.036	25.096	26.580	29.084	27.616	0.000	0.000	0.000
4/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.765	13.539	15.303	10.739	11.041	19.124	13.199	19.675	22.743	26.935	28.007	26.580	28.851	29.427	0.000	0.000	0.000
4/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.843	28.237	26.095	23.335	21.527	22.142	23.071	20.154	16.988	21.559	21.568	22.541	20.503	28.800	0.000	0.000	0.000
4/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.044	17.583	22.249	14.468	8.105	9.135	4.527	12.313	16.429	12.950	15.908	22.699	22.006	17.148	0.000	0.000	0.000
4/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.054	0.000	0.000	0.000	0.117	0.879	0.980	0.022	0.129	0.057	0.006	0.000	0.000	0.000	0.000	0.000	0.000
4/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.394	0.876	1.342	0.564	0.630	0.567	2.968	2.999	2.274	3.030	0.000	0.000	0.000
4/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044	0.237	0.199	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.145	0.138	0.000	0.019	0.000	0.000	0.044	0.347	0.602	0.189	0.000	0.000	0.000
4/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.022	0.000	0.000	0.000	0.000	1.500	1.752	0.420	0.000	0.000	0.000
4/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000	0.003	0.000	0.444	0.781	5.768	20.119	24.119	30.039	29.985	0.000	0.000	0.000
4/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.655	13.596	18.761	21.285	13.299	11.809	11.167	15.180	22.148	24.085	23.134	23.404	21.883	17.092	0.000	0.000	0.000
4/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.982	3.084	0.498	0.441	0.069	1.100	0.734	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.212	21.499	12.465	14.263	27.982	29.638	30.117	30.139	30.076	30.051	29.651	27.699	26.344	22.424	0.000	0.000	0.000

Hourly Transaction Pattern 5 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
5/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.989	26.635	24.898	21.313	19.596	19.168	21.077	22.299	17.634	12.754	4.239	8.247	15.063	23.984	0.000	0.000	0.000
5/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.405	21.007	19.371	18.419	11.161	6.240	5.377	8.266	17.473	24.416	27.024	28.335	30.020	30.158	0.000	0.000	0.000
5/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.627	16.037	14.024	11.680	9.041	13.715	9.116	13.945	22.712	21.927	19.231	15.674	5.585	2.089	0.000	0.000	0.000
5/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.427	13.813	15.753	4.958	0.095	0.262	0.391	0.003	3.210	12.773	17.549	20.922	10.266	0.060	0.000	0.000	0.000
5/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.544	25.474	24.507	19.477	14.654	8.618	1.310	1.244	3.018	0.104	0.003	0.000	0.923	16.534	0.000	0.000	0.000
5/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.812	2.611	0.407	0.441	0.813	0.882	1.701	1.639	1.909	3.415	0.614	0.221	0.000	5.125	0.000	0.000	0.000
5/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.497	29.513	29.021	26.885	24.454	28.152	23.295	26.997	28.205	28.048	28.889	29.972	29.500	29.840	0.000	0.000	0.000
5/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.556	28.035	28.750	26.800	26.634	25.975	27.928	29.424	29.525	29.037	29.428	29.947	30.029	29.997	0.000	0.000	0.000
5/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.393	29.695	29.705	29.598	28.968	27.604	26.756	26.696	25.565	28.114	29.607	28.920	29.547	30.066	0.000	0.000	0.000
5/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.223	29.128	27.544	27.814	28.212	29.062	29.843	29.651	29.884	29.919	29.740	29.935	29.808	29.598	0.000	0.000	0.000
5/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.897	29.153	28.120	26.567	20.683	16.890	8.764	23.115	26.977	26.939	26.892	28.501	27.944	27.821	0.000	0.000	0.000
5/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.565	14.241	12.017	19.773	3.384	0.731	0.000	1.893	5.768	5.162	3.371	2.627	3.063	0.000	0.000	0.000	0.000
5/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.529	2.602	2.848	0.973	2.095	1.184	1.950	0.511	0.151	0.000	0.000	0.000	0.000
5/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.018	1.166	0.879	2.763	4.448	4.366	4.180	4.274	2.101	1.685	1.657	1.017	0.035	0.000	0.000	0.000	0.000
5/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.879	1.588	0.995	0.602	0.356	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000
5/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.621	0.920	0.296	0.277	0.000	0.000	0.772	0.385	0.199	0.325	1.648	1.603	2.148	2.463	0.000	0.000	0.000
5/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.169	1.024	0.073	0.561	4.136	3.235	1.556	2.287	2.514	3.856	4.454	14.531	18.053	26.652	0.000	0.000	0.000
5/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.804	3.808	3.169	4.564	1.894	4.549	5.950	6.612	8.719	10.449	21.023	21.363	20.434	21.703	0.000	0.000	0.000
5/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.168	7.683	8.111	2.054	0.750	0.019	0.047	0.186	0.029	0.000	0.000	0.000	0.000	0.132	0.000	0.000	0.000
5/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.324	0.041	0.413	2.180	4.235	4.303	3.812	2.797	0.592	0.208	0.000	0.000	0.000	0.000
5/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.042	0.042	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000
5/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.057	0.214	0.236	0.072	0.073	0.230	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.303	0.000	0.000	0.000
5/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.327	7.503	0.775	0.416	1.046	5.100	8.143	9.935	16.355	20.242	21.644	24.406	23.427	19.133	0.000	0.000	0.000
5/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.885	24.718	20.229	15.750	12.080	6.338	9.923	18.283	22.144	20.696	20.570	18.790	21.061	24.501	0.000	0.000	0.000
5/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.052	19.492	15.703	11.560	4.530	0.120	0.451	1.081	1.931	1.591	2.426	1.717	1.339	0.917	0.000	0.000	0.000
5/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.230	12.613	2.545	0.003	0.000	0.000	0.403	1.963	0.851	0.385	0.167	0.010	0.057	0.722	0.000	0.000	0.000
5/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.482	4.586	0.290	0.003	0.013	0.000	0.000	0.000	0.082	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.770	21.486	12.162	6.625	4.924	7.280	2.596	2.186	17.583	22.790	25.279	27.752	28.319	26.797	0.000	0.000	0.000
5/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.566	28.356	27.736	22.718	14.893	19.483	20.513	20.708	20.154	17.527	21.782	25.673	26.848	27.758	0.000	0.000	0.000
5/31/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.181	19.741	27.358	22.888	21.027	21.055	21.146	23.962	27.745	27.940	28.164	26.485	23.927	25.736	0.000	0.000	0.000
6/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.876	14.906	5.953	6.185	12.276	12.622	7.110	12.509	26.967	27.509	25.805	29.862	29.613	30.146	0.000	0.000	0.000
6/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.667	13.643	10.124	9.774	16.632	16.733	16.251	17.975	18.674	22.025	23.909	23.301	27.931	29.796	0.000	0.000	0.000
6/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.437	5.072	3.723	8.445	8.921	10.770	5.472	3.849	1.043	6.036	2.911	0.441	3.091	3.478	0.000	0.000	0.000
6/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.728	0.967	0.303	0.010	0.098	0.696	1.031	8.626	16.774	15.772	22.491	21.058	24.724	20.607	0.000	0.000	0.000
6/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.742	0.003	0.000	0.000	0.734	10.852	22.346	23.074	23.896	27.553	28.712	27.755	27.386	29.840	0.000	0.000	0.000
6/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.603	13.189	5.267	5.079	2.703	0.948	1.846	3.156	4.392	5.465	3.361	0.876	0.422	0.170	0.000	0.000	0.000
6/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.268	0.970	0.586	1.207	0.400	0.343	0.155	0.249	0.142	0.117	0.000	2.394	4.744	0.696	0.000	0.000	0.000
6/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.109	1.260	0.098	0.637	2.334	1.062	2.227	4.372	4.583	17.407	26.530	19.615	20.891	24.346	0.000	0.000	0.000
6/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.559	25.156	26.523	25.352	21.641	16.437	17.426	21.206	22.564	22.611	24.136	25.802	26.085	22.022	0.000	0.000	0.000
6/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.832	20.872	15.725	11.945	8.515	5.648	2.738	7.324	5.796	13.529	20.327	5.897	9.463	12.549	0.000	0.000	0.000
6/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.073	4.558	5.336	1.074	1.808	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.148	0.495	0.164	0.690	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000
6/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.288	15.697	7.368	4.004	13.602	11.964	11.199	5.346	6.908	9.116	18.746	24.233	27.071	23.550	0.000	0.000	0.000
6/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.729	14.761	6.473	2.927	2.977	1.027	1.613	1.843	5.393	5.443	5.280	13.047	17.076	24.857	0.000	0.000	0.000
6/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.329	12.349	7.299	2.335	0.378	0.006	0.051	0.357	0.000	0.000	0.000	0.000	0.000	0.913	0.000	0.000	0.000
6/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.992	1.392	0.000	0.000	0.000	0.054	0.003	0.117	0.422	0.523	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.271	0.552	1.632	3.446	2.734	1.223	0.409	0.003	0.000	0.000	0.000
6/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.673	13.426	22.123	11.942	5.667	12.417	17.829	6.146	13.639	26.425	24.067	29.248	29.295	26.813	0.000	0.000	0.000
6/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.645	29.884	28.690	28.511	28.758	22.240	21.886	25.635	28.293	28.876	24.733	29.534	29.065	28.867	0.000	0.000	0.000
6/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.764	26.930	26.183	26.615	24.690	22.293	19.451	23.836	26.054	27.758	28.382	29.456	29.891	29.629	0.000	0.000	0.000
6/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.588	28.782	28.939	27.011	28.221	22.617	25.994	25.408	24.334	24.957	26.366	26.971	29.976	29.950	0.000	0.000	0.000
6/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.668	29.635	28.961	25.553	27.887	28.218	29.352	29.813	28.306	28.693	29.156	29.824	29.213	29.686	0.000	0.000	0.000
6/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.671	29.402	27.843	26.851	23.468	23.033	23.729	23.603	23.430	28.533	29.840	29.386	30.155	29.645	0.000	0.000	0.000
6/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.115	17.684	20.541	20.166	11.413	12.717	18.793	20.138	22.941	29.232	29.979	30.143	29.134	29.068	0.000	0.000	0.000
6/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.293	13.621	18.021	25.679	26.123	24.388	18.059	9.986	12.855	19.407	21.467	25.739	29.720	29.928	0.000	0.000	0.000
6/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.304	15.407	8.222	3.793	3.065	7.229	5.906	11.120	20.762	24.542	27.339	29.471	27.956	25.345	0.000	0.000	0.000
6/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.316	13.343	5.695	5.506	6.239	4.395	1.847	1.613	1.150	1.039	0.129	0.120	0.098	0.133	0.000	0.000	0.000
6/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.497	1.252	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.963	0.000	0.000	0.000
6/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.139	0.336	1.055	0.000	0.000	0.000
6/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.107	1.597	2.240	2.290	1.610	1.944	0.425	0.460	0.051	0.003	0.000	0.000	0.000	0.000	0.000	0.000

Hourly Transaction Pattern 5 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
7/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.003	0.006	0.331	0.785	0.766	0.583	0.794	0.806	3.749	3.934	2.202	0.135	0.000	0.000	0.000
7/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.967	1.122	2.413	6.281	4.463	0.214	0.394	0.955	1.383	1.632	2.397	9.126	12.663	11.088	0.000	0.000	0.000
7/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.136	8.251	3.106	3.358	3.188	1.115	1.312	1.191	5.015	6.707	13.101	20.711	23.550	22.639	0.000	0.000	0.000
7/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.982	5.385	3.572	5.884	2.359	[illegible]	[illegible]	[illegible]	3.627	4.561	14.714	25.635	25.635	25.844	0.000	0.000	0.000
7/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.292	0.929	[illegible]	5.567	1.365	2.618	3.604	2.716	1.205	[illegible]	2.454	0.000	0.000	0.000	0.000	0.000	0.000
7/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.098	0.000	0.136	0.470	0.961	1.200	1.200	1.172	0.646	0.315	0.000	0.000	0.000	0.000
7/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.791	1.317	1.304	1.518	2.413	0.551	0.000	0.000	0.010	2.237	5.330	1.096	0.826	0.213	0.000	0.000	0.000
7/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.258	0.013	0.560	0.444	0.220	0.003	0.000	0.000	0.019	0.236	0.000	1.021	5.220	11.293	0.000	0.000	0.000
7/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.033	0.400	0.098	0.082	0.281	0.000	1.462	0.573	0.000	0.000	0.000	3.642	3.673	2.293	0.000	0.000	0.000
7/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.592	9.961	4.398	2.826	3.399	0.891	0.369	2.199	4.264	5.544	6.055	16.830	23.773	22.264	0.000	0.000	0.000
7/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.266	6.902	4.224	4.426	4.334	4.156	5.236	4.555	2.193	0.625	2.337	2.328	3.727	4.958	0.000	0.000	0.000
7/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.292	22.093	8.127	6.562	1.994	0.466	0.010	0.469	1.906	3.471	0.983	0.491	4.029	7.661	0.000	0.000	0.000
7/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.981	14.531	8.625	2.993	4.892	2.297	0.022	0.003	0.057	0.239	2.797	2.221	1.685	18.368	0.000	0.000	0.000
7/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.260	4.955	0.737	0.142	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.213	0.000	0.000	0.000
7/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.054	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.028	5.462	17.678	0.000	0.000	0.000
7/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.687	7.708	5.024	4.454	3.721	5.414	4.287	4.716	2.281	0.356	1.166	5.330	13.655	20.478	0.000	0.000	0.000
7/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.166	29.547	29.535	29.497	28.338	27.506	26.114	27.235	28.873	27.604	29.938	29.840	29.368	29.311	0.000	0.000	0.000
7/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.594	29.548	29.714	29.610	29.730	29.673	29.475	28.585	29.840	29.859	29.815	29.871	29.890	28.788	0.000	0.000	0.000
7/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.490	29.437	28.652	28.471	23.112	22.315	24.257	26.646	25.711	[illegible]	28.873	27.622	22.252	23.850	0.000	0.000	0.000
7/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.051	0.000	0.000	0.000	0.028	0.014	0.085	1.644	0.312	0.019	0.690	8.121	22.759	18.015	0.000	0.000	0.000
7/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.224	0.659	1.292	3.582	4.980	5.267	7.107	6.492	11.450	20.894	26.775	28.060	27.415	28.747	0.000	0.000	0.000
7/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.906	30.000	10.792	0.000	22.327	28.996	29.708	29.950	30.086	29.891	29.289	29.746	28.955	30.124	0.000	0.000	0.000
7/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.730	28.715	28.473	26.971	28.196	28.895	29.188	28.016	28.177	29.050	29.805	30.045	30.136	30.095	0.000	0.000	0.000
7/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.032	30.058	29.963	29.777	29.194	25.139	24.967	26.111	22.652	25.430	28.136	27.343	29.478	28.590	0.000	0.000	0.000
7/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.731	29.569	28.654	24.388	18.612	14.474	17.785	19.774	22.167	[illegible]	29.188	[illegible]	29.277	28.741	0.000	0.000	0.000
7/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.945	19.133	25.877	24.161	21.513	22.841	21.455	[illegible]	27.721	26.533	26.895	26.535	25.602	[illegible]	0.000	0.000	0.000
7/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.153	15.703	7.182	7.743	13.466	14.903	18.954	18.216	12.512	17.470	26.756	26.385	28.323	29.846	0.000	0.000	0.000
7/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.309	27.519	26.951	29.637	30.020	29.548	29.081	26.952	27.081	29.411	26.129	27.717	29.037	29.242	0.000	0.000	0.000
7/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.761	29.802	29.720	29.645	29.497	29.443	25.427	24.520	26.854	28.394	29.913	29.768	30.114	30.029	0.000	0.000	0.000
7/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.276	27.572	25.206	24.214	19.603	20.834	17.196	18.897	28.300	28.107	28.010	28.202	27.730	29.793	0.000	0.000	0.000
7/31/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.621	26.813	25.767	15.700	17.035	16.389	18.617	23.779	25.474	28.145	29.911	29.979	29.761	30.013	0.000	0.000	0.000
8/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.014	4.461	1.752	1.267	0.419	0.000	0.012	0.464	2.460	4.785	9.201	13.284	14.755	15.156	0.000	0.000	0.000
8/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.002	0.000	0.243	0.718	1.137	1.040	0.122	0.006	0.186	1.182	0.000	0.000	0.000	0.000
8/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.421	13.894	11.806	6.741	9.220	12.380	1.444	0.388	0.876	0.022	0.006	0.019	14.389	26.989	0.000	0.000	0.000
8/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.996	0.549	0.000	0.000	0.249	2.675	11.882	13.564	16.169	18.358	25.745	28.164	29.705	29.909	0.000	0.000	0.000
8/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.020	29.998	29.317	28.007	28.901	27.481	25.301	26.246	28.615	29.519	29.774	30.161	30.086	30.146	0.000	0.000	0.000
8/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.875	29.667	29.106	24.438	27.263	21.679	23.761	27.027	26.495	29.182	29.213	29.909	29.468	30.048	0.000	0.000	0.000
8/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.055	13.662	19.426	13.073	15.646	17.413	22.221	23.430	28.798	28.615	30.104	30.048	30.038	30.048	0.000	0.000	0.000
8/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.901	29.594	26.778	25.263	22.724	20.937	23.981	21.373	25.465	28.353	26.627	27.301	28.826	29.633	0.000	0.000	0.000
8/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.323	28.039	27.506	25.547	22.907	27.944	26.961	26.731	27.456	29.194	28.820	29.582	30.007	29.805	0.000	0.000	0.000
8/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.484	29.607	28.303	28.608	28.397	24.471	25.147	25.106	26.372	27.443	29.450	30.054	29.997	29.846	0.000	0.000	0.000
8/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.897	29.988	29.749	28.797	29.374	28.653	25.805	26.829	27.496	29.160	29.575	30.055	30.180	28.968	0.000	0.000	0.000
8/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.446	24.227	25.660	25.162	13.907	20.072	21.691	18.913	5.777	5.752	2.788	1.200	11.054	18.116	0.000	0.000	0.000
8/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.133	0.000	0.044	0.460	0.016	0.000	0.000	1.934	2.791	3.619	4.706	13.435	11.967	21.212	0.000	0.000	0.000
8/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.312	0.000	0.000	0.079	0.120	0.028	0.035	0.252	0.324	0.000	0.000	0.000	4.552	21.571	0.000	0.000	0.000
8/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.521	23.707	19.661	13.444	14.961	11.380	12.997	12.310	17.139	16.282	25.954	28.416	28.599	27.298	0.000	0.000	0.000
8/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.437	27.414	26.076	22.750	21.269	22.844	25.087	23.601	21.263	26.703	24.929	25.301	26.224	29.516	0.000	0.000	0.000
8/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.072	28.813	27.421	25.805	24.778	23.735	21.140	19.398	13.829	12.298	2.832	16.125	23.233	24.529	0.000	0.000	0.000
8/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.282	16.960	17.004	19.039	19.738	19.395	19.319	23.420	24.274	27.137	26.539	28.146	29.260	29.358	0.000	0.000	0.000
8/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.177	13.514	13.803	14.912	13.753	11.869	8.870	9.649	6.606	10.253	16.979	18.935	18.928	20.456	0.000	0.000	0.000
8/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.596	0.069	0.079	0.126	6.653	11.072	9.819	11.371	17.360	21.070	21.773	27.141	28.155	29.131	0.000	0.000	0.000
8/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.602	15.608	15.599	15.602	12.520	10.650	15.577	15.609	24.441	28.671	29.859	29.447	29.581	29.415	0.000	0.000	0.000
8/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.596	15.605	15.599	15.593	15.593	[illegible]	15.602	20.475	27.685	28.114	29.380	30.076	30.045	30.048	0.000	0.000	0.000
8/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.934	26.482	18.012	14.030	14.676	16.840	11.527	15.397	10.259	17.382	23.739	25.994	29.191	28.627	0.000	0.000	0.000
8/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.593	2.323	0.599	0.938	1.648	7.513	3.563	3.979	7.056	21.414	24.038	23.906	25.950	26.476	0.000	0.000	0.000
8/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.593	15.586	15.589	15.605	15.593	15.599	15.599	15.599	18.248	29.982	29.462	29.815	29.437	28.287	0.000	0.000	0.000
8/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.098	14.981	14.629	14.695	11.245	6.480	11.825	15.092	14.043	14.547	18.982	25.673	27.723	27.607	0.000	0.000	0.000
8/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.467	10.013	4.593	4.142	5.084	2.029	1.430	1.966	6.842	8.159	18.847	27.525	27.925	29.229	0.000	0.000	0.000
8/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.279	15.267	15.267	15.248	13.394	15.073	14.906	14.355	21.341	22.626	24.955	25.994	24.920	21.806	0.000	0.000	0.000
8/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.586	15.457	9.888	13.589	10.518	8.735	13.296	12.131	5.179	4.523	8.017	19.798	12.899	22.730	0.000	0.000	0.000
8/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.252	7.941	7.273	4.401	1.992	1.831	1.925	7.258	3.365	3.551	2.413	11.647	21.370	22.352	0.000	0.000	0.000
8/31/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.457	24.019	17.120	13.244	11.699	11.474	13.769	18.972	24.614	28.245	29.334	29.664	28.731	29.522	0.000	0.000	0.000

Hourly Transaction Pattern 5 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
9/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.923	28.952	28.382	26.517	27.856	26.558	25.666	26.772	27.219	26.633	26.551	27.742	29.251	28.010	0.000	0.000	0.000
9/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.590	15.363	12.169	7.957	9.705	14.024	15.142	15.517	15.624	18.116	25.312	26.955	27.481	27.474	0.000	0.000	0.000
9/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.837	9.652	7.129	3.449	3.220	0.703	0.193	3.762	0.014	0.016	0.000	0.013	0.000	0.000	0.000	0.000	0.000
9/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.472	9.882	5.431	6.510	1.882	4.492	5.358	11.948	17.704	5.617	18.881	20.252	8.924	0.167	0.000	0.000	0.000
9/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.524	10.379	4.533	3.786	1.052	0.003	0.246	1.166	0.233	1.421	13.624	29.462	29.769	21.427	0.000	0.000	0.000
9/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.447	18.951	14.714	16.242	19.269	17.388	16.812	11.425	13.892	23.042	27.872	28.542	29.418	29.796	0.000	0.000	0.000
9/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.614	28.574	26.986	22.441	18.988	19.032	23.657	19.306	21.064	24.806	24.599	27.881	28.416	28.583	0.000	0.000	0.000
9/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.975	17.779	21.568	15.567	7.544	7.576	8.959	13.633	16.207	22.853	26.750	29.856	30.045	29.059	0.000	0.000	0.000
9/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.193	22.135	15.851	9.456	7.242	7.069	4.848	4.722	4.617	15.028	22.479	24.262	21.823	22.047	0.000	0.000	0.000
9/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.484	13.237	9.354	5.119	6.042	5.355	2.082	5.544	7.721	17.747	15.271	21.609	24.572	25.821	0.000	0.000	0.000
9/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.841	0.041	0.003	0.397	1.903	1.014	2.989	2.961	1.994	3.235	7.258	16.531	12.966	11.506	0.000	0.000	0.000
9/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.013	0.120	0.142	0.000	0.000	0.013	0.003	0.000	0.010	0.000	0.000	0.000
9/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.594	0.000	0.000	0.908	1.865	1.493	0.699	0.158	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.213	1.831	1.830	1.484	0.070	0.000	2.126	2.870	5.771	5.119	10.726	21.134	27.352	29.103	0.000	0.000	0.000
9/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.808	23.556	22.957	25.477	27.874	24.986	23.064	22.321	23.212	25.103	27.052	27.931	29.093	27.424	0.000	0.000	0.000
9/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.547	20.119	17.458	9.800	8.628	6.691	4.048	2.208	6.124	11.548	20.985	20.941	20.478	17.234	0.000	0.000	0.000
9/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.499	2.230	0.028	0.000	0.000	0.063	0.003	0.715	0.410	0.000	0.989	0.552	1.941	0.526	0.000	0.000	0.000
9/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.413	0.000	0.000	0.000	0.104	0.561	0.035	0.000	0.000	0.000	0.000	0.000	2.013	0.000	0.000	0.000
9/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.821	14.314	9.305	4.517	2.422	0.000	0.149	0.003	5.161	11.397	9.138	21.959	18.859	25.943	0.000	0.000	0.000
9/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.801	11.427	10.310	7.979	5.742	9.274	17.624	10.231	18.849	22.012	21.165	22.545	24.416	20.397	0.000	0.000	0.000
9/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.142	1.514	0.567	3.251	7.418	9.189	6.848	15.243	22.923	28.029	20.781	25.096	26.545	24.550	0.000	0.000	0.000
9/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.818	29.651	28.123	28.415	27.780	29.572	29.670	29.163	29.040	28.174	26.476	29.601	27.887	26.208	0.000	0.000	0.000
9/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.894	17.111	14.314	5.843	14.701	19.697	12.515	2.684	1.219	9.211	4.426	1.065	5.053	11.489	0.000	0.000	0.000
9/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.132	19.656	18.579	3.875	0.980	0.007	0.121	1.024	1.348	0.044	0.000	10.682	25.043	27.890	0.000	0.000	0.000
9/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.564	0.000	0.050	0.284	0.070	0.473	0.602	2.331	1.859	1.027	0.614	0.000	0.000	0.000
9/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.098	0.322	1.201	1.572	0.451	0.000	0.003	0.000	0.000	0.000	0.000	0.000
9/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.170	0.104	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.686	19.026	18.724	16.988	9.340	8.272	11.611	11.132	13.005	16.985	20.755	18.236	25.446	19.979	0.000	0.000	0.000
10/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.205	15.221	15.196	11.460	15.127	14.770	15.096	15.999	12.918	20.629	29.264	29.062	28.807	29.254	0.000	0.000	0.000
10/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.933	6.032	2.063	1.114	0.148	0.885	2.539	5.131	2.989	4.901	3.897	9.787	6.464	1.418	0.000	0.000	0.000
10/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.460	27.711	25.748	25.181	23.723	22.148	19.294	21.083	25.638	25.931	27.824	28.117	25.569	27.295	0.000	0.000	0.000
10/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.533	27.361	25.814	26.350	25.156	24.202	23.039	23.732	24.658	26.432	28.577	26.353	28.079	28.236	0.000	0.000	0.000
10/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.202	0.088	1.153	1.437	8.974	6.675	6.798	10.216	17.174	17.076	14.984	2.407	2.208	1.355	0.000	0.000	0.000
10/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.329	20.393	14.874	7.699	6.861	14.831	12.751	12.351	9.526	22.447	25.739	5.431	18.346	19.499	0.000	0.000	0.000
10/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.257	1.047	0.860	2.316	2.476	0.350	0.000	0.000	0.000	0.000	0.000	0.000
10/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.010	0.003	0.161	0.233	0.000	0.019	0.010	0.000	0.000	0.000	0.000	0.000	0.000
10/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.296	9.142	4.545	2.712	0.561	0.662	1.096	0.057	1.427	7.144	10.840	16.141	16.723	19.483	0.000	0.000	0.000
10/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.582	14.887	18.780	9.878	12.764	5.642	9.088	12.581	18.695	25.348	28.105	28.429	29.878	29.957	0.000	0.000	0.000
10/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.216	26.838	25.311	20.819	21.130	23.102	17.439	24.221	26.583	21.001	18.988	15.410	24.954	27.619	0.000	0.000	0.000
10/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.679	12.965	19.489	17.722	16.761	7.526	4.583	0.217	0.070	5.516	11.576	5.481	0.003	0.000	0.000	0.000	0.000
10/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.662	0.870	0.643	2.495	1.739	1.452	2.199	3.005	0.914	0.239	0.142	0.000	0.000	0.000
10/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047	0.123	0.161	0.637	1.559	1.304	1.251	1.071	0.416	1.918	2.252	0.123	7.557	0.000	0.000	0.000
10/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.021	28.360	28.416	28.451	26.309	24.098	29.101	29.755	29.229	29.897	29.720	29.723	29.847	29.664	0.000	0.000	0.000
10/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.252	27.506	27.238	26.816	24.277	23.430	25.784	22.006	26.347	26.970	28.089	29.512	29.566	29.683	0.000	0.000	0.000
10/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.512	20.850	13.966	8.978	18.295	28.145	27.935	26.041	29.148	29.500	29.928	30.048	29.953	30.054	0.000	0.000	0.000
10/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.575	20.035	20.799	16.150	16.925	19.675	21.199	14.349	20.649	22.813	6.039	5.223	2.400	9.655	0.000	0.000	0.000
10/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.277	1.068	1.087	0.340	0.000	0.000	0.000	0.000
10/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.003	0.082	2.448	0.000	0.000	0.000
10/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.539	14.389	14.698	15.435	11.012	12.251	14.685	27.503	30.029	30.032	30.042	30.124	30.152	30.114	0.000	0.000	0.000
10/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.474	28.334	28.369	23.518	26.819	21.555	23.389	26.576	25.663	29.510	29.979	29.963	29.922	29.793	0.000	0.000	0.000
10/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.013	25.120	14.761	7.317	1.837	0.863	0.246	0.646	0.334	0.000	0.000	0.003	0.010	0.000	0.000	0.000	0.000
10/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.341	0.592	0.044	0.000	0.000	0.574	0.199	0.265	0.312	0.750	0.164	0.000	0.000	0.000	0.000	0.000	0.000
10/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.743	0.747	0.044	1.518	2.582	1.175	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.032	1.966	1.197	0.633	0.967	0.048	0.781	0.000	0.000	0.000	0.000	0.000
10/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.479	0.362	0.000	0.000	0.000	0.000	0.000	0.004	0.810	7.541	8.848	8.275	5.554	0.000	0.000	0.000
10/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.302	29.648	29.219	29.745	29.796	29.953	29.761	24.627	17.092	28.401	29.487	30.158	30.123	30.108	0.000	0.000	0.000
10/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.388	14.843	9.576	6.581	3.512	3.260	2.895	5.270	15.838	24.063	28.933	29.157	29.840	29.837	0.000	0.000	0.000
10/31/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.521	21.030	20.378	10.836	7.075	6.909	4.583	2.548	8.911	24.788	29.408	30.092	30.164	29.317	0.000	0.000	0.000

Hourly Transaction Pattern 5 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
11/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.503	[illegible]	[illegible]	13.413	[illegible]	5.219	9.735	11.343	15.813	19.054	19.593	23.256	[illegible]	14.827	0.000	0.000	0.000
11/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.747	17.442	15.022	12.345	4.552	2.392	2.208	0.709	1.256	0.000	0.010	0.085	12.324	25.824	0.000	0.000	0.000
11/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.294	14.145	9.888	0.907	1.229	2.231	0.180	0.233	1.399	0.444	0.013	0.000	0.000	0.000	0.000	0.000	0.000
11/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.518	0.422	0.000	0.000	0.000	0.000	0.495	0.498	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.937	4.420	3.182	0.618	0.161	0.111	0.006	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.726	1.288	6.013	4.004	3.037	0.872	1.477	3.582	6.174	18.903	21.376	22.195	24.770	25.588	0.000	0.000	0.000
11/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.010	11.032	10.049	7.513	4.247	1.100	0.325	0.583	0.022	4.725	19.669	20.607	21.416	20.308	0.000	0.000	0.000
11/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.683	29.421	28.634	25.427	19.048	8.083	3.799	4.227	19.160	24.745	17.416	20.289	22.856	24.658	0.000	0.000	0.000
11/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.848	25.849	13.750	19.700	16.793	18.431	20.462	19.001	20.526	25.335	28.523	27.175	21.779	6.149	0.000	0.000	0.000
11/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.153	5.421	5.327	16.286	26.050	22.957	5.595	0.441	0.000	5.396	18.516	5.153	0.124	10.433	0.000	0.000	0.000
11/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.457	0.000	0.000	0.000	0.083	0.041	1.550	2.813	0.100	1.951	0.542	0.007	0.041	0.951	0.000	0.000	0.000
11/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.764	0.000	0.129	3.251	5.812	2.422	0.003	1.229	1.002	0.438	0.038	0.000	0.000	0.000	0.000	0.000	0.000
11/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	[illegible]	0.784	1.968	2.731	4.725	6.508	4.968	1.997	2.945	1.551	0.003	0.132	0.000	0.000	0.000
11/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.233	0.199	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.063	0.000	0.000	0.000	0.000	0.042	0.241	0.000	0.000	0.000
11/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.629	1.663	0.447	0.573	2.237	2.451	2.026	2.158	5.339	3.232	9.390	26.652	29.052	27.723	0.000	0.000	0.000
11/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.038	29.875	29.878	29.604	29.686	28.716	28.624	29.560	29.995	30.057	30.061	30.095	30.095	30.130	0.000	0.000	0.000
11/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.487	29.925	29.144	30.016	30.105	29.912	30.013	29.935	29.859	30.017	29.928	29.976	29.985	30.092	0.000	0.000	0.000
11/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.983	29.613	27.805	28.057	29.251	28.961	27.746	27.235	27.676	27.200	29.150	29.752	29.771	29.947	0.000	0.000	0.000
11/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.301	0.381	0.000	0.000	0.000	0.504	2.552	1.585	0.129	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
11/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.110	0.000	0.000	0.000	0.000	0.079	0.041	0.136	0.762	4.683	2.463	2.964	1.140	0.000	0.000	0.000	0.000
11/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.051	1.528	1.714	20.532	26.010	25.751	24.466	10.316	3.941	0.926	1.499	4.744	13.035	17.382	0.000	0.000	0.000
11/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.960	30.061	30.133	24.069	22.686	28.536	21.899	25.446	29.135	30.111	30.092	29.018	30.120	29.204	0.000	0.000	0.000
11/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.925	28.624	29.632	29.749	29.852	29.632	29.091	29.308	29.112	29.819	30.089	30.029	29.912	30.168	0.000	0.000	0.000
11/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.842	28.540	28.618	29.402	23.363	16.856	12.963	9.366	12.255	15.930	22.290	21.612	26.719	25.499	0.000	0.000	0.000
11/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.191	24.061	22.910	9.107	5.469	9.275	11.665	13.699	15.474	18.081	6.820	3.257	0.082	0.000	0.000	0.000	0.000
11/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.893	0.800	0.025	0.750	0.929	1.183	0.662	0.158	0.867	0.221	0.000	0.000	0.000	0.000
11/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.158	3.314	5.784	6.917	4.618	2.076	1.566	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.454	5.528	2.762	9.379	7.739	9.879	24.431	28.363	29.134	29.972	30.013	30.004	29.951	29.994	0.000	0.000	0.000
11/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.479	0.000	0.000	0.011	0.413	1.629	1.979	1.443	1.805	0.882	0.010	0.000	0.460	0.000	0.000	0.000
12/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.303	1.685	0.649	1.789	2.602	3.553	4.917	3.537	2.281	1.147	1.465	4.530	3.204	1.745	0.000	0.000	0.000
12/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.508	1.714	1.984	0.835	0.098	0.614	0.804	0.060	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.205	0.649	0.495	0.035	3.216	4.136	3.686	3.556	1.956	0.120	0.000	0.000	0.000	0.000	0.000
12/4/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.604	5.110	1.783	3.216	2.130	0.202	0.000	0.000	0.000	0.347	3.283	12.292	13.589	15.911	0.000	0.000	0.000
12/5/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.175	25.310	25.270	28.432	27.868	26.917	24.331	23.165	20.872	25.052	28.397	29.191	30.067	30.079	0.000	0.000	0.000
12/6/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.819	18.075	2.120	0.394	0.992	1.093	2.350	2.923	4.906	4.972	1.411	0.003	0.000	0.000	0.000	0.000	0.000
12/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.273	0.136	0.022	0.000	0.000	0.000	0.035	0.145	9.478	6.351	4.769	0.000	0.000	0.000
12/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	2.145	0.000	0.000	0.000
12/9/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.145	0.356	2.267	4.533	1.852	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.615	3.620	9.047	10.128	9.266	1.852	1.632	4.238	0.000	0.000	0.000
12/11/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.620	8.181	3.831	7.365	16.972	14.526	20.711	13.952	11.041	0.353	0.000	0.214	0.411	0.254	0.000	0.000	0.000
12/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.378	1.342	2.738	1.477	0.787	0.016	0.022	0.155	4.860	0.175	1.011	0.251	0.010	0.000	0.000	0.000	0.000
12/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.927	6.404	0.967	0.107	0.000	0.028	0.000	0.000	2.435	8.128	22.617	17.769	12.575	6.493	0.000	0.000	0.000
12/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.042	4.307	0.139	0.000	0.000	0.000	0.028	0.126	0.813	0.498	0.035	0.000	0.000	0.000	0.000	0.000	0.000
12/15/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.284	1.453	0.643	2.586	0.268	0.000	0.000	0.202	0.312	1.426	1.449	0.000	0.000	0.000	0.000	0.000	0.000
12/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.972	24.781	13.381	1.326	0.000	0.693	3.541	7.847	0.365	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000
12/17/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.391	1.030	0.750	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.425	0.580	0.384	0.000	0.010	1.468	0.457	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.217	0.060	0.000	0.000	0.901	2.813	0.457	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.247	0.000	0.000	0.016	0.125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/21/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.406	0.107	0.124	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.790	0.095	0.000	0.189	0.372	0.000	0.621	0.728	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/23/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	[illegible]	29.212	28.583	28.413	25.744	24.340	21.977	18.632	21.915	28.035	29.868	30.067	30.117	30.158	0.000	0.000	0.000
12/24/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.451	29.566	29.319	29.736	29.503	30.029	30.126	30.535	29.988	29.914	29.746	29.831	30.029	30.280	0.000	0.000	0.000
12/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.356	19.458	27.287	25.556	26.829	28.546	25.379	28.492	27.481	27.610	26.363	29.705	29.943	27.707	0.000	0.000	0.000
12/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.460	18.894	2.737	5.802	23.516	24.526	11.748	26.814	25.569	24.966	28.961	29.746	29.453	28.887	0.000	0.000	0.000
12/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.958	14.361	10.283	11.044	15.570	21.834	16.239	20.661	22.234	24.532	27.364	27.717	28.426	28.429	0.000	0.000	0.000
12/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.411	9.771	21.537	22.170	14.238	6.332	10.039	18.163	17.187	22.835	19.792	2.640	0.148	6.571	0.000	0.000	0.000
12/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.790	29.689	28.290	9.277	7.025	7.829	1.203	0.000	0.782	0.854	0.331	8.930	22.494	17.583	0.000	0.000	0.000
12/30/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.000	25.181	4.804	0.961	0.186	0.303	0.000	0.000	0.000	0.000	0.854	9.986	12.170	15.911	0.000	0.000	0.000
12/31/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.435	0.268	0.003	0.003	0.157	1.175	3.683	2.826	2.092	1.865	0.876	0.192	0.066	0.120	0.000	0.000	0.000

Hourly Transaction Pattern 6

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
1/1/08	28.501	24.532	15.495	10.924	11.400	16.074	21.077	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.941	30.111	29.446
1/2/08	19.580	12.295	9.935	8.319	10.865	21.640	26.844	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.013	29.559	28.772
1/3/08	21.433	12.994	10.483	10.468	12.515	23.392	29.585	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.738	28.738	28.473
1/4/08	20.097	12.563	8.984	8.376	12.074	22.617	27.629	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.595	25.874	27.459
1/5/08	24.419	16.841	12.695	11.781	11.939	13.861	19.291	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1/6/08	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1/7/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.463	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.052	0.000	0.170
1/9/08	2.189	5.182	6.243	5.406	2.747	0.989	1.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.011	0.000
1/10/08	0.000	0.551	0.148	0.184	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.038	1.254
1/11/08	0.737	0.000	0.025	0.274	0.167	0.155	5.755	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.120	0.000	0.000
1/12/08	0.000	0.035	0.098	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.346	2.756	2.287
1/13/08	1.238	3.841	5.254	6.618	8.763	4.504	2.751	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.435	28.104	27.065
1/14/08	17.435	11.721	8.839	9.123	13.605	23.950	25.881	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.034	27.572	27.087
1/15/08	17.026	11.961	10.641	9.368	12.068	22.542	26.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.837	17.228	19.193
1/16/08	16.953	11.479	9.088	8.401	12.528	13.359	10.562	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.334	16.276	15.023
1/17/08	15.174	11.381	9.368	8.007	11.655	16.178	17.697	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.277	19.483	17.004
1/18/08	11.945	4.089	2.098	0.847	0.564	0.819	0.199	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.274	29.922	29.793
1/19/08	23.436	16.138	12.023	9.406	13.514	19.681	26.290	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.086	30.004	29.966
1/20/08	22.072	15.442	11.995	10.464	11.019	16.572	25.707	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.960	29.872	28.224
1/21/08	18.585	12.021	9.715	8.332	11.334	20.967	28.564	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.167	27.588	27.465
1/22/08	19.527	13.671	11.085	10.427	13.126	24.573	28.899	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.072	29.878	28.781
1/23/08	19.089	12.896	11.236	9.362	12.159	24.063	28.779	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.501	27.626	27.852
1/24/08	18.905	11.265	9.160	9.374	13.070	24.595	28.368	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.865	30.105	28.728
1/25/08	18.443	12.036	8.931	7.406	12.030	21.929	25.556	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.333	29.843	29.635
1/26/08	21.338	14.436	11.217	10.439	12.222	14.864	26.136	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.611	28.527	27.363
1/27/08	19.672	14.879	10.735	9.428	12.115	16.917	25.584	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.421	27.802	25.175
1/28/08	15.252	10.115	7.519	7.333	11.155	22.749	28.788	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.194	29.843	25.276
1/29/08	14.415	9.699	7.655	7.321	10.584	21.940	29.856	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.051	30.095	23.650
1/30/08	15.602	12.348	10.439	11.945	17.404	27.235	28.763	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.082	30.174	29.193
1/31/08	20.393	14.657	12.440	12.830	17.936	24.728	29.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.018	29.427	30.149
2/1/08	25.893	19.770	17.829	16.645	19.874	27.632	27.462	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.914	28.684	28.255
2/2/08	26.463	20.645	17.183	15.104	18.544	25.121	28.504	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041	0.000	0.019
2/3/08	0.114	0.000	0.000	4.199	8.357	16.900	24.589	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.732	5.676	7.207
2/4/08	1.443	0.000	0.000	0.016	0.145	0.640	14.588	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.338	28.624	28.615
2/5/08	25.288	19.697	17.161	16.619	20.208	27.081	26.633	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.553	0.114	0.154
2/6/08	0.107	0.381	0.000	0.000	0.000	0.000	4.051	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.032
2/7/08	0.000	0.000	0.000	12.358	19.284	7.985	0.533	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.914	11.242	10.534
2/8/08	5.317	6.961	6.023	4.996	16.802	14.868	11.189	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.143	30.120	30.215
2/9/08	30.190	28.914	24.646	22.970	24.707	27.959	27.301	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.658	20.176	8.662
2/10/08	0.211	0.460	8.930	19.240	21.493	24.520	23.332	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.759	20.585	15.035
2/11/08	19.089	23.439	23.087	20.535	19.272	25.210	26.999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.105	0.000	0.000
2/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.671	0.088	4.703
2/13/08	1.849	2.330	6.637	7.894	5.232	1.257	12.666	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.953	20.084	24.608
2/14/08	23.565	21.713	17.692	16.193	15.674	14.937	21.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.545	0.000
2/15/08	1.126	8.626	9.453	1.569	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000
2/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2/17/08	0.000	0.013	0.517	0.873	1.597	2.514	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2/18/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	5.982	7.755
2/19/08	7.142	0.504	0.117	0.000	0.806	1.903	0.552	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2/20/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041
2/21/08	0.151	0.353	0.000	1.018	0.939	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.671	1.827	1.749
2/22/08	2.413	4.067	4.312	0.766	0.347	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.010
2/23/08	0.599	2.873	0.350	0.022	0.410	0.274	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.068	4.230	10.644
2/24/08	10.912	11.690	11.970	10.247	11.315	9.526	10.802	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.949	6.593	2.110
2/25/08	5.091	6.650	3.264	0.236	1.984	0.728	0.129	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.559	1.112	0.428
2/26/08	0.000	0.000	0.000	0.000	0.006	0.284	1.796	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.146	0.000	0.000
2/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.388	5.434	6.811
2/28/08	15.243	16.172	16.078	14.226	14.569	18.705	18.783	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.032	29.453	29.534
2/29/08	25.298	18.948	16.594	15.369	19.142	7.570	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.055	0.000	0.000

Hourly Transaction Pattern 6 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
3/1/08	0.000	0.000	0.000	0.000	0.000	0.057	0.192	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/2/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/3/08	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.167	0.280
3/4/08	1.125	7.232	6.672	6.911	1.528	12.651	19.274	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.284	1.075
3/5/08	3.321	7.857	9.284	7.176	11.976	4.731	[illegible]	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006
3/6/08	2.026	0.545	1.109	2.150	0.469	0.117	1.852	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.412
3/7/08	0.076	0.000	0.139	0.125	0.338	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/8/08	0.000	0.136	1.096	0.388	0.142	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/9/08	0.000	0.000	0.000	0.000	0.213	0.047	[illegible]	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/11/08	0.000	0.000	0.000	0.495	0.819	0.090	2.379	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.451	2.835
3/12/08	14.503	21.682	20.192	18.746	21.552	28.155	28.662	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.051	24.810	22.192
3/13/08	19.436	19.946	18.828	19.663	21.817	24.608	25.638	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.411	21.650	24.321
3/14/08	22.359	20.040	23.808	21.798	24.576	27.493	26.907	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.432	28.234	24.678
3/15/08	11.756	25.011	25.049	24.850	24.476	18.054	14.308	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.127	29.912	23.989
3/16/08	19.785	15.716	15.895	22.264	27.805	29.169	27.950	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.096	21.663	9.189
3/17/08	5.226	7.046	0.441	0.000	0.485	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/18/08	0.000	2.854	14.591	1.065	6.732	24.205	28.146	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.676	27.348	28.356
3/19/08	28.558	28.567	28.570	28.571	28.649	27.695	28.187	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.561	27.752	27.011
3/20/08	26.964	26.649	26.369	19.348	18.257	22.592	6.760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3/21/08	0.000	0.003	0.354	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.915	27.663	22.693
3/22/08	23.732	19.700	0.785	0.060	2.945	1.264	3.755	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.174	26.744	26.035
3/23/08	25.525	24.063	17.732	18.120	18.149	16.100	20.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.463	14.956	4.700
3/24/08	1.071	0.000	0.010	0.059	3.059	0.819	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.038	0.000	0.000
3/25/08	0.592	0.549	0.328	0.211	1.408	1.551	0.794	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.370	21.297	22.419
3/26/08	23.096	22.305	23.058	21.174	22.261	13.385	20.341	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.499	24.104	11.923
3/27/08	16.389	16.941	16.812	17.669	20.314	17.864	13.870	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.577	15.438	14.991
3/28/08	13.356	13.422	14.099	20.667	21.592	25.115	27.865	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.951	9.970	10.348
3/29/08	12.600	19.291	21.644	17.394	16.166	17.231	22.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.008	25.900	27.449
3/30/08	24.970	24.211	24.712	24.973	26.236	24.186	26.520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.605	28.659	28.627
3/31/08	28.612	26.274	24.451	24.444	26.542	28.533	28.086	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.397	28.174	27.008
4/1/08	28.486	27.560	25.241	23.924	26.996	28.306	28.221	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.193	30.199	30.023
4/2/08	29.714	26.044	23.905	22.245	13.860	20.847	16.490	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.533	18.301	9.907
4/3/08	11.463	2.775	10.408	14.080	9.954	0.366	0.690	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.458	20.459	17.089
4/4/08	14.014	13.605	14.572	13.470	14.607	10.603	15.240	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.573	13.426	7.377
4/5/08	10.074	9.513	14.868	10.049	10.713	11.089	18.295	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.882	17.300	14.229
4/6/08	15.618	21.830	20.437	18.100	20.762	25.758	26.428	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.892	29.043	27.815
4/7/08	27.298	22.412	20.195	19.769	22.182	26.315	16.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.569	6.256	0.476
4/8/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.180	0.000	0.000
4/9/08	0.133	0.942	1.461	0.151	0.000	0.337	1.972	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.770	17.514	14.033
4/10/08	19.329	21.045	20.557	17.577	14.799	13.444	4.882	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.209	23.559	22.608
4/11/08	25.216	26.762	24.368	23.238	25.566	29.491	28.423	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.708	28.533	27.191
4/12/08	24.309	26.328	25.899	24.513	24.542	25.947	25.332	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.164	29.915	30.067
4/13/08	29.235	27.550	24.797	22.504	24.400	29.050	29.988	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.749	29.887	29.884
4/14/08	29.827	26.687	24.639	23.465	26.214	27.783	24.253	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.744	19.017	14.569
4/15/08	13.835	2.419	0.154	0.073	1.541	18.276	5.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4/16/08	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.066	0.000	0.000
4/17/08	0.000	0.000	1.206	0.444	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.949	8.874	5.868
4/18/08	6.139	4.650	1.014	0.224	0.526	0.151	0.495	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.062	29.424	28.123
4/19/08	24.173	17.964	8.036	2.549	2.690	19.042	21.114	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.289	29.664	29.081
4/20/08	27.956	23.890	19.556	17.709	20.103	25.254	26.851	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.787	28.139	25.729
4/21/08	22.948	13.523	5.909	13.914	20.759	8.669	3.591	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.090	6.357	7.661
4/22/08	4.234	3.437	0.044	0.000	3.393	9.951	4.794	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4/23/08	0.000	0.000	0.977	0.082	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.090	1.515	0.057
4/24/08	0.057	0.041	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4/25/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.133
4/26/08	0.754	1.197	0.085	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.994	5.918	3.308
4/27/08	3.305	8.575	2.800	2.265	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.139	10.171	10.054
4/28/08	28.964	28.561	25.733	24.292	24.747	22.670	23.639	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.548	18.432	6.275
4/29/08	6.958	1.799	2.394	1.884	15.190	10.742	14.509	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.336	0.425	0.010
4/30/08	4.424	7.792	12.229	16.537	12.134	16.739	22.305	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.054	0.000	0.000

Hourly Transaction Pattern 6 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
5/1/08	0.325	0.038	0.000	0.507	3.342	11.217	23.206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.130	29.418	30.051
5/2/08	30.083	29.856	30.092	30.024	29.950	29.882	28.290	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.106	30.036	30.067
5/3/08	29.336	23.433	22.541	10.024	13.375	8.162	11.494	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.914	14.689	20.967
5/4/08	22.034	26.019	24.019	29.075	25.481	18.985	26.696	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.764	27.611	[illegible]
5/5/08	27.247	26.432	25.562	24.529	27.515	25.748	27.128	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	[illegible]	[illegible]	[illegible]
5/6/08	16.550	18.498	21.461	17.261	6.461	1.293	1.081	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.921	18.525	20.611
5/7/08	17.599	18.314	20.378	12.745	15.371	24.368	27.503	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.906	29.821	29.906
5/8/08	29.985	29.131	28.662	29.588	29.963	28.545	28.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.965	30.133	29.969
5/9/08	30.117	30.036	29.941	30.035	29.695	29.065	28.426	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.064	29.941	30.046
5/10/08	29.900	29.881	29.991	29.972	29.928	28.942	28.546	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.900	30.095	30.136
5/11/08	28.835	30.086	29.925	30.057	30.089	30.032	29.935	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.621	27.497	26.882
5/12/08	26.756	28.139	23.840	22.586	17.801	20.217	24.161	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5/13/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5/15/08	1.159	2.854	1.490	1.317	0.980	0.715	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
5/16/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.413	2.378	0.797
5/17/08	1.137	1.937	2.073	2.495	2.627	2.955	3.490	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.209	7.456	0.000
5/18/08	0.000	0.123	1.232	4.199	0.208	0.000	1.153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.379	28.864	29.235
5/19/08	27.575	25.496	22.545	22.075	25.805	24.284	11.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.750	27.585	29.131
5/20/08	27.919	24.501	15.649	10.118	11.321	16.827	17.725	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.734	0.047	0.000
5/21/08	0.331	0.170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5/22/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006
5/23/08	0.221	2.319	3.934	0.832	0.910	0.514	0.073	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.700	4.413	16.985
5/24/08	22.283	16.320	19.048	22.901	24.302	27.789	24.759	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.723	26.520	26.920
5/25/08	26.249	25.156	23.858	21.880	20.283	22.141	18.481	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.114	24.088	21.559
5/26/08	25.928	21.130	16.393	17.823	14.437	14.953	8.534	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	5.944
5/27/08	5.733	6.184	8.631	6.587	10.043	8.518	13.306	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.155	0.000	0.000
5/28/08	0.000	0.000	2.123	4.889	11.463	15.287	15.791	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.051	1.761
5/29/08	12.310	7.371	7.897	4.940	14.257	23.565	25.336	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.668	29.415	29.641
5/30/08	26.145	22.910	28.252	27.248	23.641	25.254	26.911	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.888	26.782	22.063
5/31/08	19.086	22.532	18.245	20.258	24.192	23.509	19.067	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.463	27.746	24.397
6/1/08	24.318	24.523	18.711	21.896	18.992	22.822	21.404	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.083	29.544	28.693
6/2/08	24.441	20.661	20.472	16.998	16.349	16.242	18.702	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.136	25.320	27.433
6/3/08	27.112	27.377	12.858	8.546	15.763	19.965	22.947	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.506	10.581	14.821
6/4/08	9.604	4.826	1.059	0.658	3.229	5.283	2.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.178	11.346	4.896
6/5/08	6.877	0.454	1.260	1.427	11.217	5.210	15.265	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.741	27.961	28.911
6/6/08	25.219	26.224	29.519	22.151	27.975	29.453	25.071	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.742	0.520	0.000
6/7/08	0.000	0.000	0.110	0.202	0.051	1.056	3.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.309	0.447	0.000
6/8/08	1.288	25.525	27.733	20.601	26.048	25.818	11.756	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.959	29.229	29.906
6/9/08	30.158	28.864	28.158	30.083	29.371	29.492	25.162	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.063	13.094	22.570
6/10/08	22.441	24.958	27.144	26.703	26.315	21.918	20.488	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.166	8.581	1.616
6/11/08	0.000	2.920	2.066	9.012	7.573	0.114	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6/12/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	10.039	21.694
6/13/08	21.631	19.184	21.181	21.112	22.924	19.357	18.711	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.517	16.354	24.350
6/14/08	27.566	25.562	24.570	24.901	21.814	23.887	25.978	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.764	23.320	22.352
6/15/08	19.253	19.307	16.200	13.170	14.314	17.637	17.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6/16/08	0.129	4.354	0.822	0.684	0.901	1.462	4.854	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6/17/08	0.000	0.000	0.000	0.000	0.000	0.082	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6/18/08	0.000	0.000	0.003	0.744	15.6[illegible]	24.797	15.949	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.383	29.903	30.276
6/19/08	29.922	29.462	28.451	29.629	29.935	29.717	29.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.788	29.919	29.906
6/20/08	30.010	29.925	29.772	29.487	28.857	28.829	26.740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.903	29.610	29.982
6/21/08	29.957	29.730	29.094	29.204	29.317	28.599	27.796	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.720	29.982	29.046
6/22/08	28.650	28.451	29.078	28.911	29.687	29.364	27.925	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.018	29.314	29.750
6/23/08	29.938	29.427	29.616	29.952	29.950	28.290	27.179	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.619	29.431	29.253
6/24/08	27.260	19.505	23.266	26.029	28.867	29.210	28.876	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.947	30.013	29.638
6/25/08	30.010	28.703	26.637	24.977	27.648	27.489	26.892	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.850	29.516	29.115
6/26/08	28.575	28.230	19.423	21.244	20.976	8.921	1.793	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.198	21.118	24.520
6/27/08	28.152	25.638	27.871	23.742	13.501	11.006	7.201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.668	2.533	2.101
6/28/08	0.444	0.000	0.000	0.000	0.000	1.065	4.209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.344	18.116	14.500
6/29/08	23.266	16.875	6.224	2.526	1.131	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.703	5.642	3.742
6/30/08	1.024	1.191	0.583	0.057	0.854	1.364	0.999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Hourly Transaction Pattern 6 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
7/1/08	0.000	0.000	0.000	0.000	0.000	0.000	0.257	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.395	18.535	7.979
7/2/08	5.056	11.148	6.552	5.963	5.320	6.174	5.352	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.548	11.986	11.293
7/3/08	17.073	15.558	13.961	17.073	14.437	19.162	16.223	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.257	27.021	20.547
7/4/08	25.468	21.562	19.343	15.225	[illegible]	19.139	19.599	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.192	29.068	25.714
7/5/08	22.334	22.881	14.824	8.716	4.133	3.997	6.881	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7/6/08	0.000	0.000	1.336	0.000	0.373	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7/7/08	0.183	2.574	2.145	4.158	1.692	2.895	2.627	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.457	4.729	9.299
7/8/08	10.842	7.506	4.874	5.837	7.269	6.423	4.596	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.674	15.066	11.427
7/9/08	14.389	8.723	7.560	7.267	4.395	4.987	0.829	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.753	0.066	0.806
7/10/08	0.671	1.336	3.364	6.817	9.917	9.586	8.527	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.706	15.274	12.228
7/11/08	14.005	14.361	13.923	15.945	18.324	18.163	18.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.581	18.028	18.409
7/12/08	21.360	24.545	25.096	22.875	24.567	26.281	20.437	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.077	16.219	19.435
7/13/08	21.896	22.989	26.400	22.057	19.620	20.629	21.297	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.480	20.220	21.445
7/14/08	22.504	18.028	17.064	14.402	11.869	12.521	15.725	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.349	7.692	13.229
7/15/08	5.790	4.363	4.268	2.044	1.062	0.592	0.778	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.091	22.545	21.673
7/16/08	19.168	21.776	25.669	23.017	21.962	15.933	15.514	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.720	26.155	27.676
7/17/08	28.016	28.939	29.402	28.631	28.479	28.520	28.574	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.638	29.662	29.341
7/18/08	29.774	29.847	29.927	27.928	28.936	29.868	29.802	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.795	29.468	29.311
7/19/08	29.336	24.749	28.901	27.207	28.136	29.275	29.865	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.842	20.797	24.551
7/20/08	12.821	22.321	25.811	24.989	13.041	5.673	8.871	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.173	11.466	17.174
7/21/08	19.177	18.739	7.869	3.047	3.645	1.984	1.795	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.572	29.846	29.953
7/22/08	29.938	29.821	29.409	29.733	29.708	29.651	29.903	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.716	28.410	28.249
7/23/08	27.928	29.279	30.070	30.079	30.073	30.061	29.979	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.663	30.054	29.997
7/24/08	29.944	30.037	29.931	29.875	30.054	30.035	29.966	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.971	28.976	29.506
7/25/08	28.145	27.939	28.725	28.032	29.339	28.530	27.582	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.430	29.165	28.662
7/26/08	28.139	25.936	24.627	25.654	25.975	28.038	25.484	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.164	25.719	29.177
7/27/08	27.140	24.296	24.123	11.444	15.391	17.650	8.707	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.812	28.656	29.485
7/28/08	28.882	29.705	27.569	26.967	29.210	29.015	29.402	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.249	29.264	29.124
7/29/08	28.429	27.657	29.509	29.780	29.516	29.308	29.742	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.824	30.092	29.966
7/30/08	30.136	29.869	28.734	28.290	29.138	28.196	29.160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.175	29.547	30.124
7/31/08	29.708	29.916	27.008	25.723	25.940	26.337	23.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.026	29.991	28.867
8/1/08	25.896	21.722	23.351	22.630	21.952	20.025	16.443	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.396	19.628	13.142
8/2/08	11.315	9.349	8.077	4.917	0.057	0.898	0.514	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.747	0.151
8/3/08	0.000	0.000	0.000	1.015	6.256	6.684	7.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.726	17.171	13.649
8/4/08	2.095	14.452	14.747	14.065	19.136	17.101	5.740	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.019	30.076	29.969
8/5/08	28.237	24.417	20.412	18.932	22.838	29.542	30.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.158	30.061	30.067
8/6/08	30.102	30.076	27.580	26.022	28.999	29.786	29.904	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.020	30.082	30.026
8/7/08	30.089	27.219	24.151	22.875	23.320	27.881	28.602	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.035	29.765	29.336
8/8/08	29.562	25.902	23.001	21.807	24.485	29.160	28.772	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.501	29.569	29.651
8/9/08	29.263	26.296	22.595	21.143	21.328	29.619	29.746	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.667	29.906	30.070
8/10/08	29.358	24.696	20.737	18.569	20.904	25.543	29.509	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.613	29.676	29.717
8/11/08	29.585	24.589	21.140	19.971	21.159	29.726	29.925	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.520	28.457	28.511
8/12/08	28.451	26.507	23.638	21.886	24.312	28.545	29.843	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.512	17.953	4.105
8/13/08	0.989	1.607	0.444	0.775	3.084	1.698	2.823	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.297	11.252	4.968
8/14/08	2.139	0.488	0.343	0.164	1.254	7.699	10.068	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.916	20.119	6.861
8/15/08	2.085	11.507	20.834	6.499	1.865	18.783	25.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.079	28.445	28.467
8/16/08	28.540	26.167	22.091	19.133	21.152	24.907	28.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.453	29.692	29.119
8/17/08	26.564	23.496	18.919	17.164	18.509	22.028	25.644	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.334	28.448	28.977
8/18/08	23.864	21.615	18.149	16.459	19.641	24.324	24.291	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.035	29.336	28.665
8/19/08	27.515	22.365	19.215	18.453	21.026	27.443	24.696	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.156	22.699	23.042
8/20/08	15.341	7.595	1.106	2.095	7.482	10.767	7.897	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.322	29.623	29.056
8/21/08	26.766	22.085	18.144	16.541	19.596	26.255	21.285	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.916	29.979	29.947
8/22/08	27.090	21.086	19.640	17.782	20.834	27.550	23.068	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.141	27.931	28.775
8/23/08	28.042	26.964	22.554	20.296	20.859	26.709	29.412	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.415	18.005	5.623
8/24/08	1.581	0.164	0.243	0.000	0.573	6.716	5.405	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.547	29.027	28.857
8/25/08	28.908	25.981	23.540	21.667	25.106	29.210	20.856	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.627	28.608	29.881
8/26/08	29.623	25.979	22.066	19.940	22.359	26.993	16.084	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.591	26.558	25.262
8/27/08	23.874	22.595	19.688	17.728	19.975	24.227	18.925	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.558	19.971	25.544
8/28/08	25.402	21.433	17.227	13.684	13.246	19.105	14.497	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.238	24.750	25.792
8/29/08	25.449	23.567	18.673	17.300	17.341	26.243	24.293	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.842	26.822	24.599
8/30/08	23.527	15.410	8.946	14.301	17.382	10.096	5.667	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.676	24.891	25.039
8/31/08	20.781	26.822	23.395	22.069	22.428	26.895	28.315	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.985	30.010	30.057

Hourly Transaction Pattern 6 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
9/1/08	29.544	25.972	22.375	20.733	22.803	28.467	29.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.218	19.921	21.808
9/2/08	22.305	16.320	13.848	12.735	16.538	25.657	20.273	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.348	25.241	24.920
9/3/08	24.286	20.135	16.408	15.611	18.138	21.924	16.965	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.466	2.142	0.010
9/4/08	0.152	0.013	0.876	3.975	6.467	4.785	8.785	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.541	15.599	23.553
9/5/08	20.198	16.963	17.284	16.642	19.571	25.163	25.925	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.339	18.547	21.540
9/6/08	13.523	18.157	16.758	17.615	19.348	22.305	20.825	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.657	29.673	29.150
9/7/08	26.088	19.534	16.453	14.751	17.256	21.657	25.115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.278	28.517	29.346
9/8/08	24.759	18.658	15.766	15.129	18.743	26.054	26.788	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.697	27.478	27.141
9/9/08	24.517	18.415	15.284	14.606	16.783	21.036	20.321	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.934	24.252	25.566
9/10/08	23.830	18.604	16.185	14.600	17.946	18.947	20.922	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.255	16.960	14.200
9/11/08	9.680	8.376	0.394	0.236	1.169	0.000	2.057	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.785	4.703	0.003
9/12/08	0.000	0.158	0.091	0.000	0.072	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9/13/08	0.000	0.068	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9/14/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9/15/08	0.000	0.000	0.000	0.000	0.016	0.014	0.611	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.377	15.076	18.223
9/16/08	20.692	18.443	15.382	14.591	17.602	24.176	24.312	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.440	27.611	28.262
9/17/08	20.447	15.205	13.545	11.725	15.451	23.808	27.635	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.410	22.116	18.639
9/18/08	12.792	17.095	10.638	11.882	12.395	6.949	8.477	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.132	0.000
9/19/08	0.000	0.000	0.000	0.000	0.000	0.000	0.195	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.967	0.025	2.649
9/20/08	4.784	0.570	2.936	7.800	6.792	5.878	13.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.226	21.911	14.995
9/21/08	19.593	21.565	19.076	18.128	17.864	20.954	25.317	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.271	19.962	11.142
9/22/08	6.058	4.791	3.314	0.044	0.000	0.000	0.052	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.185	26.281	26.038
9/23/08	25.393	19.924	18.957	18.220	20.636	27.308	29.519	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.082	24.356	19.930
9/24/08	9.422	0.397	0.589	1.200	2.898	10.565	14.547	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.357	27.361	25.446
9/25/08	25.808	20.762	18.604	17.716	18.380	22.290	21.175	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.875	0.592	11.533
9/26/08	15.612	1.134	0.139	0.142	0.000	0.674	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.381	0.610	0.000
9/27/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.770
9/28/08	1.625	3.248	0.466	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.249	0.006	0.000
9/29/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044	4.728	8.099
9/30/08	5.632	9.964	17.924	2.678	3.799	5.784	10.216	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.810	27.150	26.410
10/1/08	21.417	16.912	14.455	11.605	16.767	24.879	24.917	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.566	28.681	29.232
10/2/08	26.375	28.583	19.089	14.651	17.857	20.119	12.188	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.517	3.071	10.272
10/3/08	11.312	11.957	13.898	11.460	11.945	18.607	25.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.619	27.040	27.705
10/4/08	26.917	23.039	15.800	17.832	17.820	24.469	25.840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.631	26.539	18.683
10/5/08	17.659	7.718	10.792	7.626	3.667	0.677	0.369	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.322	3.602	1.648
10/6/08	0.583	4.980	8.770	8.858	15.237	10.225	23.770	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.547	5.047	3.994
10/7/08	0.826	1.912	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10/8/08	0.000	0.000	0.006	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.741	9.828	12.676
10/9/08	11.718	10.039	6.999	6.432	7.050	8.373	13.463	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.108	15.690	12.071
10/10/08	13.513	6.083	1.522	0.848	0.422	1.175	3.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.706	28.199	29.478
10/11/08	25.310	21.370	17.583	15.602	16.295	19.332	24.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.999	25.153	23.080
10/12/08	17.391	15.108	13.870	12.436	13.885	17.577	20.907	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.485	5.254	11.816
10/13/08	3.100	0.000	0.000	0.000	0.000	0.022	0.347	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000	0.000
10/14/08	0.000	0.000	0.000	0.000	0.684	0.082	9.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.475	2.567	0.000
10/15/08	0.000	0.000	0.000	0.076	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.069	0.006
10/16/08	0.010	0.000	0.000	0.035	0.161	7.270	23.638	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.938	30.039	29.809
10/17/08	25.480	20.784	17.829	15.602	19.209	27.884	29.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.491	29.478	29.188
10/18/08	27.339	22.053	18.046	15.602	18.437	24.655	24.573	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.629	29.925	26.381
10/19/08	19.886	17.445	13.378	8.209	7.119	2.851	4.864	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.118	9.412	9.280
10/20/08	0.019	0.060	1.506	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10/21/08	0.063	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.359	12.890	14.852
10/22/08	13.759	7.913	2.419	1.871	0.280	9.611	18.680	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.083	30.079	30.013
10/23/08	25.666	20.507	17.700	17.700	20.853	28.728	30.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.831	28.873	27.465
10/24/08	26.022	22.331	20.284	19.772	21.137	24.484	24.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.189	0.536	0.000
10/25/08	0.000	0.470	0.085	0.006	0.000	0.000	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10/26/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.296
10/27/08	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10/28/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.335	2.882	5.525
10/29/08	4.618	5.698	4.549	14.088	21.229	26.870	28.363	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.057	30.099	30.023
10/30/08	26.797	21.672	20.330	18.774	21.902	29.043	28.873	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.997	29.777	29.062
10/31/08	24.104	19.278	16.887	17.042	18.849	21.975	21.631	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.206	30.004	30.108

Hourly Transaction Pattern 6 (continued)

Date	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	HR21	HR22	HR23	HR24
11/1/08	15.389	19.562	17.833	16.654	18.610	21.363	26.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.130	26.693	21.927
11/2/08	12.966	[illegible]	12.405	13.136	10.452	16.358	22.649	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.576	7.853	1.125
11/3/08	0.649	0.000	0.000	0.000	0.000	4.224	14.594	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/4/08	1.673	3.015	0.006	0.000	0.000	0.354	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/5/08	0.000	0.000	0.000	0.000	0.526	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/6/08	0.000	0.376	0.162	1.824	4.602	7.696	8.762	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.566	27.532	28.054
11/7/08	15.241	18.212	17.350	16.632	20.056	28.470	27.720	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.947	17.045	11.857
11/8/08	8.697	14.345	16.242	15.429	18.169	23.011	26.514	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.562	8.138	14.430
11/9/08	21.949	25.562	29.046	27.257	29.264	29.191	29.767	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.295	0.255	1.049
11/10/08	2.901	1.150	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.085	15.603	25.027
11/11/08	8.439	0.504	0.154	0.088	0.003	0.151	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.462	0.032	0.016
11/12/08	0.388	0.016	0.000	0.069	0.000	0.744	1.581	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.355	0.000
11/13/08	0.000	0.000	0.680	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.069	0.356
11/14/08	0.315	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/15/08	0.003	0.218	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/16/08	0.359	0.000	0.000	0.000	0.003	0.000	4.139	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.832	29.031	28.981
11/17/08	29.786	30.007	30.101	29.560	29.371	30.067	29.988	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.133	30.019	30.051
11/18/08	30.004	29.972	30.051	30.076	30.045	30.073	30.083	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.029	29.994	29.972
11/19/08	29.976	28.810	27.074	26.510	27.840	29.875	28.870	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.601	29.437	22.532
11/20/08	11.961	7.336	2.410	0.192	0.003	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/21/08	0.000	0.000	0.630	0.737	0.328	0.186	0.438	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.205	0.293	0.088
11/22/08	0.000	0.000	0.000	0.000	0.019	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.686	6.899	14.740
11/23/08	25.387	24.230	27.033	2.816	3.997	2.760	25.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.020	29.642	30.168
11/24/08	30.149	29.979	27.947	20.450	12.411	10.285	7.144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.064	29.651	29.040
11/25/08	27.364	28.142	25.440	26.013	26.659	27.109	27.890	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.094	20.151	26.025
11/26/08	24.217	24.661	20.506	10.008	4.508	10.817	16.695	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.146
11/27/08	0.079	0.000	1.225	0.057	0.344	3.005	0.914	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/28/08	0.000	0.000	0.000	0.016	0.000	0.999	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11/29/08	0.000	0.000	0.000	0.000	0.000	0.523	1.229	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.349	22.529	20.841
11/30/08	25.881	22.800	4.032	7.815	8.997	1.219	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.432	0.842	0.178
12/1/08	0.775	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.046	0.117	0.000
12/2/08	0.381	3.434	1.947	1.906	3.289	4.082	1.931	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/3/08	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.829
12/4/08	3.607	6.574	18.768	22.053	17.565	3.849	7.919	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.264	18.232	16.100
12/5/08	24.649	19.518	11.403	19.600	26.375	28.741	27.701	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.405	29.909	28.205
12/6/08	20.447	13.743	10.203	9.343	11.973	17.785	21.486	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.136	1.487
12/7/08	1.150	0.243	0.003	0.186	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.332	0.693	2.189
12/8/08	0.693	0.199	0.003	0.000	0.000	0.299	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.634	0.438	0.000
12/9/08	0.000	0.000	0.265	1.695	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/10/08	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.227	2.469	2.054
12/11/08	2.048	2.489	4.202	1.245	1.229	2.189	4.671	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.070	1.840	0.000
12/12/08	0.000	0.000	0.041	0.036	0.993	2.271	0.343	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/13/08	0.000	0.000	1.859	0.684	1.213	0.630	1.657	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.591	5.922	2.394
12/14/08	4.879	7.062	8.905	8.310	6.310	9.192	12.836	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/15/08	0.000	0.000	0.000	0.000	0.000	0.022	3.475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.501
12/16/08	19.464	20.239	22.261	21.260	21.987	14.473	28.184	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.412	0.000	0.000
12/17/08	0.000	0.000	0.000	0.277	0.155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.879	1.849	0.230
12/18/08	0.000	0.019	0.507	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.000	0.000
12/19/08	0.000	0.000	0.000	0.000	0.000	0.000	1.235	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.216	0.000	0.000
12/20/08	0.000	0.000	0.000	0.000	0.000	8.329	7.418	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/21/08	0.000	0.000	0.000	0.000	0.082	0.220	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12/22/08	0.000	0.000	0.000	1.518	0.633	0.000	6.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.000
12/23/08	1.900	7.324	4.556	3.597	6.363	8.250	17.108	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.923	19.524	29.239
12/24/08	22.838	15.577	12.439	12.251	13.889	22.604	29.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.016	30.147	30.132
12/25/08	24.791	17.102	12.817	10.723	11.186	15.423	20.251	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.459	30.092	28.718
12/26/08	19.395	13.923	11.299	10.452	11.334	18.632	20.180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.026	29.777	29.412
12/27/08	20.214	12.424	6.851	8.127	10.641	12.349	20.588	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.473	29.349	27.701
12/28/08	9.992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.274	1.525	0.000
12/29/08	3.673	11.233	8.382	7.315	11.359	20.151	29.299	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.412	27.420	25.985
12/30/08	21.124	14.065	11.142	10.430	13.788	23.591	13.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.488	17.653	10.345
12/31/08	9.110	9.242	10.068	9.390	12.575	15.539	5.289	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Hourly Capacity Pattern 17

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	1	1	1	0.8	1.0
2008	1	1	2	0.9	1.0
2008	1	1	3	1.0	1.0
2008	1	1	4	0.9	1.0
2008	1	1	5	0.8	1.0
2008	1	1	6	0.9	1.0
2008	1	1	7	1.0	1.0
2008	1	1	8	0.9	1.0
2008	1	1	9	0.8	1.0
2008	1	1	10	0.8	1.0
2008	1	1	11	0.8	1.0
2008	1	1	12	0.8	1.0
2008	1	1	13	0.8	1.0
2008	1	1	14	0.8	1.0
2008	1	1	15	0.8	1.0
2008	1	1	16	0.8	1.0
2008	1	1	17	0.8	1.0
2008	1	1	18	0.8	1.0
2008	1	1	19	0.8	1.0
2008	1	1	20	0.8	1.0
2008	1	1	21	0.8	1.0
2008	1	1	22	0.8	1.0
2008	1	1	23	0.8	1.0
2008	1	1	24	0.8	1.0
2008	1	2	1	0.8	1.0
2008	1	2	2	0.8	1.0
2008	1	2	3	0.8	1.0
2008	1	2	4	0.8	1.0
2008	1	2	5	0.8	1.0
2008	1	2	6	0.8	1.0
2008	1	2	7	0.8	1.0
2008	1	2	8	0.8	1.0
2008	1	2	9	0.8	1.0
2008	1	2	10	0.8	1.0
2008	1	2	11	0.8	1.0
2008	1	2	12	0.8	1.0
2008	1	2	13	0.8	1.0
2008	1	2	14	0.8	1.0
2008	1	2	15	0.8	1.0
2008	1	2	16	0.8	1.0
2008	1	2	17	0.8	1.0
2008	1	2	18	0.8	1.0
2008	1	2	19	0.8	1.0
2008	1	2	20	0.8	1.0
2008	1	2	21	0.8	1.0
2008	1	2	22	0.8	1.0
2008	1	2	23	0.8	1.0
2008	1	2	24	0.8	1.0
2008	1	3	1	0.8	1.0
2008	1	3	2	0.8	1.0
2008	1	3	3	0.8	1.0
2008	1	3	4	0.8	1.0
2008	1	3	5	0.8	1.0
2008	1	3	6	0.8	1.0
2008	1	3	7	0.8	1.0
2008	1	3	8	0.8	1.0
2008	1	3	9	0.8	1.0
2008	1	3	10	0.8	1.0
2008	1	3	11	0.8	1.0
2008	1	3	12	0.8	1.0
2008	1	3	13	0.8	1.0
2008	1	3	14	0.8	1.0
2008	1	3	15	0.8	1.0
2008	1	3	16	0.8	1.0
2008	1	3	17	0.8	1.0
2008	1	3	18	0.8	1.0
2008	1	3	19	0.8	1.0
2008	1	3	20	0.8	1.0
2008	1	3	21	0.8	1.0
2008	1	3	22	0.8	1.0
2008	1	3	23	0.8	1.0
2008	1	3	24	0.8	1.0
2008	1	4	1	0.8	1.0
2008	1	4	2	0.8	1.0
2008	1	4	3	0.8	1.0
2008	1	4	4	0.8	1.0
2008	1	4	5	0.8	1.0
2008	1	4	6	0.8	1.0
2008	1	4	7	0.8	1.0
2008	1	4	8	0.8	1.0
2008	1	4	9	0.8	1.0
2008	1	4	10	0.8	1.0
2008	1	4	11	0.8	1.0
2008	1	4	12	0.8	1.0
2008	1	4	13	0.8	1.0
2008	1	4	14	0.8	1.0
2008	1	4	15	0.8	1.0
2008	1	4	16	0.8	1.0
2008	1	4	17	0.8	1.0
2008	1	4	18	0.8	1.0
2008	1	4	19	0.8	1.0
2008	1	4	20	0.8	1.0
2008	1	4	21	0.8	1.0
2008	1	4	22	0.8	1.0
2008	1	4	23	0.8	1.0
2008	1	4	24	0.8	1.0
2008	1	5	1	0.8	1.0
2008	1	5	2	0.8	1.0
2008	1	5	3	0.8	1.0
2008	1	5	4	0.8	1.0
2008	1	5	5	0.8	1.0
2008	1	5	6	0.8	1.0
2008	1	5	7	0.8	1.0
2008	1	5	8	0.8	1.0
2008	1	5	9	0.8	1.0
2008	1	5	10	0.8	1.0
2008	1	5	11	0.8	1.0
2008	1	5	12	0.8	1.0
2008	1	5	13	0.8	1.0
2008	1	5	14	0.8	1.0
2008	1	5	15	0.8	1.0
2008	1	5	16	0.8	1.0
2008	1	5	17	0.8	1.0
2008	1	5	18	0.8	1.0
2008	1	5	19	0.8	1.0
2008	1	5	20	0.8	1.0
2008	1	5	21	0.8	1.0
2008	1	5	22	0.8	1.0
2008	1	5	23	0.8	1.0
2008	1	5	24	0.8	1.0
2008	1	6	1	0.8	1.0
2008	1	6	2	0.8	1.0
2008	1	6	3	0.8	1.0
2008	1	6	4	0.8	1.0
2008	1	6	5	0.8	1.0
2008	1	6	6	0.8	1.0
2008	1	6	7	0.8	1.0
2008	1	6	8	0.8	1.0
2008	1	6	9	0.8	1.0
2008	1	6	10	0.8	1.0
2008	1	6	11	0.8	1.0
2008	1	6	12	0.8	1.0
2008	1	6	13	0.8	1.0
2008	1	6	14	0.8	1.0
2008	1	6	15	0.8	1.0
2008	1	6	16	0.8	1.0
2008	1	6	17	0.8	1.0
2008	1	6	18	0.8	1.0
2008	1	6	19	0.8	1.0
2008	1	6	20	0.8	1.0
2008	1	6	21	0.8	1.0
2008	1	6	22	0.8	1.0
2008	1	6	23	0.8	1.0
2008	1	6	24	0.8	1.0
2008	1	7	1	0.8	1.0
2008	1	7	2	0.8	1.0
2008	1	7	3	0.8	1.0
2008	1	7	4	0.8	1.0
2008	1	7	5	0.8	1.0
2008	1	7	6	0.8	1.0
2008	1	7	7	0.8	1.0
2008	1	7	8	0.8	1.0
2008	1	7	9	0.8	1.0
2008	1	7	10	0.8	1.0
2008	1	7	11	0.8	1.0
2008	1	7	12	0.8	1.0
2008	1	7	13	0.8	1.0
2008	1	7	14	0.8	1.0
2008	1	7	15	0.8	1.0
2008	1	7	16	0.8	1.0
2008	1	7	17	0.8	1.0
2008	1	7	18	0.8	1.0
2008	1	7	19	0.8	1.0
2008	1	7	20	0.8	1.0
2008	1	7	21	0.8	1.0
2008	1	7	22	0.8	1.0
2008	1	7	23	0.8	1.0
2008	1	7	24	0.8	1.0

File: PTN17.HCP

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Hourly Capacity Pattern 17 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	2	7	5	0.9	1.0
2008	2	7	6	1.0	1.0
2008	2	7	21	0.9	1.0
2008	2	7	22	0.8	1.0
2008	2	8	1	0.8	1.0
2008	2	8	5	0.9	1.0
2008	2	8	6	1.0	1.0
2008	2	8	21	0.9	1.0
2008	2	8	22	0.8	1.0
2008	2	9	1	0.8	1.0
2008	2	9	5	0.9	1.0
2008	2	9	6	1.0	1.0
2008	2	9	21	0.9	1.0
2008	2	9	22	0.8	1.0
2008	2	10	1	0.8	1.0
2008	2	10	5	0.9	1.0
2008	2	10	6	1.0	1.0
2008	2	10	21	0.9	1.0
2008	2	10	22	0.8	1.0
2008	2	11	1	0.8	1.0
2008	2	11	5	0.9	1.0
2008	2	11	6	1.0	1.0
2008	2	11	21	0.9	1.0
2008	2	11	22	0.8	1.0
2008	2	12	1	0.8	1.0
2008	2	12	5	0.9	1.0
2008	2	12	6	1.0	1.0
2008	2	12	21	0.9	1.0
2008	2	12	22	0.8	1.0
2008	2	13	1	0.8	1.0
2008	2	13	5	0.9	1.0
2008	2	13	6	1.0	1.0
2008	2	13	21	0.9	1.0
2008	2	13	22	0.8	1.0
2008	2	14	1	0.8	1.0
2008	2	14	5	0.9	1.0
2008	2	14	6	1.0	1.0
2008	2	14	21	0.9	1.0
2008	2	14	22	0.8	1.0
2008	2	15	1	0.8	1.0
2008	2	15	5	0.9	1.0
2008	2	15	6	1.0	1.0
2008	2	15	21	0.9	1.0
2008	2	15	22	0.8	1.0
2008	2	16	1	0.8	1.0
2008	2	16	5	0.9	1.0
2008	2	16	6	1.0	1.0
2008	2	16	21	0.9	1.0
2008	2	16	22	0.8	1.0
2008	2	17	1	0.8	1.0
2008	2	17	5	0.9	1.0
2008	2	17	6	1.0	1.0
2008	2	17	21	0.9	1.0
2008	2	17	22	0.8	1.0
2008	2	18	1	0.8	1.0
2008	2	18	5	0.9	1.0
2008	2	18	6	1.0	1.0
2008	2	18	21	0.9	1.0
2008	2	18	22	0.8	1.0
2008	2	19	1	0.8	1.0
2008	2	19	5	0.9	1.0
2008	2	19	6	1.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	2	19	21	0.9	1.0
2008	2	19	22	0.8	1.0
2008	2	20	1	0.8	1.0
2008	2	20	5	0.9	1.0
2008	2	20	6	1.0	1.0
2008	2	20	21	0.9	1.0
2008	2	20	22	0.8	1.0
2008	2	21	1	0.8	1.0
2008	2	21	5	0.9	1.0
2008	2	21	6	1.0	1.0
2008	2	21	21	0.9	1.0
2008	2	21	22	0.8	1.0
2008	2	22	1	0.8	1.0
2008	2	22	5	0.9	1.0
2008	2	22	6	1.0	1.0
2008	2	22	21	0.9	1.0
2008	2	22	22	0.8	1.0
2008	2	23	1	0.8	1.0
2008	2	23	5	0.9	1.0
2008	2	23	6	1.0	1.0
2008	2	23	21	0.9	1.0
2008	2	23	22	0.8	1.0
2008	2	24	1	0.8	1.0
2008	2	24	5	0.9	1.0
2008	2	24	6	1.0	1.0
2008	2	24	21	0.9	1.0
2008	2	24	22	0.8	1.0
2008	2	25	1	0.8	1.0
2008	2	25	5	0.9	1.0
2008	2	25	6	1.0	1.0
2008	2	25	21	0.9	1.0
2008	2	25	22	0.8	1.0
2008	2	26	1	0.8	1.0
2008	2	26	5	0.9	1.0
2008	2	26	6	1.0	1.0
2008	2	26	21	0.9	1.0
2008	2	26	22	0.8	1.0
2008	2	27	1	0.8	1.0
2008	2	27	5	0.9	1.0
2008	2	27	6	1.0	1.0
2008	2	27	21	0.9	1.0
2008	2	27	22	0.8	1.0
2008	2	28	1	0.8	1.0
2008	2	28	5	0.9	1.0
2008	2	28	6	1.0	1.0
2008	2	28	21	0.9	1.0
2008	2	28	22	0.8	1.0
2008	2	29	1	0.8	1.0
2008	2	29	5	0.9	1.0
2008	2	29	6	1.0	1.0
2008	2	29	21	0.9	1.0
2008	2	29	22	0.8	1.0
2008	3	1	1	0.8	1.0
2008	3	1	5	0.9	1.0
2008	3	1	6	1.0	1.0
2008	3	1	21	0.9	1.0
2008	3	1	22	0.8	1.0
2008	3	2	1	0.8	1.0
2008	3	2	5	0.9	1.0
2008	3	2	6	1.0	1.0
2008	3	2	21	0.9	1.0
2008	3	2	22	0.8	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	3	3	1	0.8	1.0
2008	3	3	5	0.9	1.0
2008	3	3	6	1.0	1.0
2008	3	3	21	0.9	1.0
2008	3	3	22	0.8	1.0
2008	3	4	1	0.8	1.0
2008	3	4	5	0.9	1.0
2008	3	4	6	1.0	1.0
2008	3	4	21	0.9	1.0
2008	3	4	22	0.8	1.0
2008	3	5	1	0.8	1.0
2008	3	5	5	0.9	1.0
2008	3	5	6	1.0	1.0
2008	3	5	21	0.9	1.0
2008	3	5	22	0.8	1.0
2008	3	6	1	0.8	1.0
2008	3	6	5	0.9	1.0
2008	3	6	6	1.0	1.0
2008	3	6	21	0.9	1.0
2008	3	6	22	0.8	1.0
2008	3	7	1	0.8	1.0
2008	3	7	5	0.9	1.0
2008	3	7	6	1.0	1.0
2008	3	7	21	0.9	1.0
2008	3	7	22	0.8	1.0
2008	3	8	1	0.8	1.0
2008	3	8	5	0.9	1.0
2008	3	8	6	1.0	1.0
2008	3	8	21	0.9	1.0
2008	3	8	22	0.8	1.0
2008	3	9	1	0.8	1.0
2008	3	9	5	0.9	1.0
2008	3	9	6	1.0	1.0
2008	3	9	21	0.9	1.0
2008	3	9	22	0.8	1.0
2008	3	10	1	0.8	1.0
2008	3	10	5	0.9	1.0
2008	3	10	6	1.0	1.0
2008	3	10	21	0.9	1.0
2008	3	10	22	0.8	1.0
2008	3	11	1	0.8	1.0
2008	3	11	5	0.9	1.0
2008	3	11	6	1.0	1.0
2008	3	11	21	0.9	1.0
2008	3	11	22	0.8	1.0
2008	3	12	1	0.8	1.0
2008	3	12	5	0.9	1.0
2008	3	12	6	1.0	1.0
2008	3	12	21	0.9	1.0
2008	3	12	22	0.8	1.0
2008	3	13	1	0.8	1.0
2008	3	13	5	0.9	1.0
2008	3	13	6	1.0	1.0
2008	3	13	21	0.9	1.0
2008	3	13	22	0.8	1.0
2008	3	14	1	0.8	1.0
2008	3	14	5	0.9	1.0
2008	3	14	6	1.0	1.0
2008	3	14	21	0.9	1.0
2008	3	14	22	0.8	1.0
2008	3	15	1	0.8	1.0
2008	3	15	5	0.9	1.0

Hourly Capacity Pattern 17 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	3	15	4	1.0	1.0
2008	3	15	5	0.9	1.0
2008	3	15	6	0.8	1.0
2008	3	15	7	0.8	1.0
2008	3	16	5	0.9	1.0
2008	3	16	6	1.0	1.0
2008	3	16	7	0.9	1.0
2008	3	16	8	0.8	1.0
2008	3	16	9	0.8	1.0
2008	3	16	10	0.8	1.0
2008	3	16	11	0.8	1.0
2008	3	16	12	0.8	1.0
2008	3	16	13	0.8	1.0
2008	3	16	14	0.8	1.0
2008	3	16	15	0.8	1.0
2008	3	16	16	0.8	1.0
2008	3	16	17	0.8	1.0
2008	3	16	18	0.8	1.0
2008	3	16	19	0.8	1.0
2008	3	16	20	0.8	1.0
2008	3	16	21	0.8	1.0
2008	3	16	22	0.8	1.0
2008	3	16	23	0.8	1.0
2008	3	16	24	0.8	1.0
2008	3	17	1	0.8	1.0
2008	3	17	2	0.8	1.0
2008	3	17	3	0.8	1.0
2008	3	17	4	0.8	1.0
2008	3	17	5	0.9	1.0
2008	3	17	6	1.0	1.0
2008	3	17	7	0.9	1.0
2008	3	17	8	0.8	1.0
2008	3	17	9	0.8	1.0
2008	3	17	10	0.8	1.0
2008	3	17	11	0.8	1.0
2008	3	17	12	0.8	1.0
2008	3	17	13	0.8	1.0
2008	3	17	14	0.8	1.0
2008	3	17	15	0.8	1.0
2008	3	17	16	0.8	1.0
2008	3	17	17	0.8	1.0
2008	3	17	18	0.8	1.0
2008	3	17	19	0.8	1.0
2008	3	17	20	0.8	1.0
2008	3	17	21	0.8	1.0
2008	3	17	22	0.8	1.0
2008	3	17	23	0.8	1.0
2008	3	17	24	0.8	1.0
2008	3	18	1	0.8	1.0
2008	3	18	2	0.8	1.0
2008	3	18	3	0.8	1.0
2008	3	18	4	0.8	1.0
2008	3	18	5	0.9	1.0
2008	3	18	6	1.0	1.0
2008	3	18	7	0.9	1.0
2008	3	18	8	0.8	1.0
2008	3	18	9	0.8	1.0
2008	3	18	10	0.8	1.0
2008	3	18	11	0.8	1.0
2008	3	18	12	0.8	1.0
2008	3	18	13	0.8	1.0
2008	3	18	14	0.8	1.0
2008	3	18	15	0.8	1.0
2008	3	18	16	0.8	1.0
2008	3	18	17	0.8	1.0
2008	3	18	18	0.8	1.0
2008	3	18	19	0.8	1.0
2008	3	18	20	0.8	1.0
2008	3	18	21	0.8	1.0
2008	3	18	22	0.8	1.0
2008	3	18	23	0.8	1.0
2008	3	18	24	0.8	1.0
2008	3	19	1	0.8	1.0
2008	3	19	2	0.8	1.0
2008	3	19	3	0.8	1.0
2008	3	19	4	0.8	1.0
2008	3	19	5	0.9	1.0
2008	3	19	6	1.0	1.0
2008	3	19	7	0.9	1.0
2008	3	19	8	0.8	1.0
2008	3	19	9	0.8	1.0
2008	3	19	10	0.8	1.0
2008	3	19	11	0.8	1.0
2008	3	19	12	0.8	1.0
2008	3	19	13	0.8	1.0
2008	3	19	14	0.8	1.0
2008	3	19	15	0.8	1.0
2008	3	19	16	0.8	1.0
2008	3	19	17	0.8	1.0
2008	3	19	18	0.8	1.0
2008	3	19	19	0.8	1.0
2008	3	19	20	0.8	1.0
2008	3	19	21	0.8	1.0
2008	3	19	22	0.8	1.0
2008	3	19	23	0.8	1.0
2008	3	19	24	0.8	1.0
2008	3	20	1	0.8	1.0
2008	3	20	2	0.8	1.0
2008	3	20	3	0.8	1.0
2008	3	20	4	0.8	1.0
2008	3	20	5	0.9	1.0
2008	3	20	6	1.0	1.0
2008	3	20	7	0.9	1.0
2008	3	20	8	0.8	1.0
2008	3	20	9	0.8	1.0
2008	3	20	10	0.8	1.0
2008	3	20	11	0.8	1.0
2008	3	20	12	0.8	1.0
2008	3	20	13	0.8	1.0
2008	3	20	14	0.8	1.0
2008	3	20	15	0.8	1.0
2008	3	20	16	0.8	1.0
2008	3	20	17	0.8	1.0
2008	3	20	18	0.8	1.0
2008	3	20	19	0.8	1.0
2008	3	20	20	0.8	1.0
2008	3	20	21	0.8	1.0
2008	3	20	22	0.8	1.0
2008	3	20	23	0.8	1.0
2008	3	20	24	0.8	1.0
2008	3	21	1	0.8	1.0
2008	3	21	2	0.8	1.0
2008	3	21	3	0.8	1.0
2008	3	21	4	0.8	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	4	9	5	0.9	1.0
2008	4	9	6	1.0	1.0
2008	4	9	21	0.9	1.0
2008	4	9	22	0.8	1.0
2008	4	10	1	0.8	1.0
2008	4	10	5	0.9	1.0
2008	4	10	6	1.0	1.0
2008	4	10	21	0.9	1.0
2008	4	10	22	0.8	1.0
2008	4	11	1	0.8	1.0
2008	4	11	5	0.9	1.0
2008	4	11	6	1.0	1.0
2008	4	11	21	0.9	1.0
2008	4	11	22	0.8	1.0
2008	4	12	1	0.8	1.0
2008	4	12	5	0.9	1.0
2008	4	12	6	1.0	1.0
2008	4	12	21	0.9	1.0
2008	4	12	22	0.8	1.0
2008	4	13	1	0.8	1.0
2008	4	13	5	0.9	1.0
2008	4	13	6	1.0	1.0
2008	4	13	21	0.9	1.0
2008	4	13	22	0.8	1.0
2008	4	14	1	0.8	1.0
2008	4	14	5	0.9	1.0
2008	4	14	6	1.0	1.0
2008	4	14	21	0.9	1.0
2008	4	14	22	0.8	1.0
2008	4	15	1	0.8	1.0
2008	4	15	5	0.9	1.0
2008	4	15	6	1.0	1.0
2008	4	15	21	0.9	1.0
2008	4	15	22	0.8	1.0
2008	4	16	1	0.8	1.0
2008	4	16	5	0.9	1.0
2008	4	16	6	1.0	1.0
2008	4	16	21	0.9	1.0
2008	4	16	22	0.8	1.0
2008	4	17	1	0.8	1.0
2008	4	17	5	0.9	1.0
2008	4	17	6	1.0	1.0
2008	4	17	21	0.9	1.0
2008	4	17	22	0.8	1.0
2008	4	18	1	0.8	1.0
2008	4	18	5	0.9	1.0
2008	4	18	6	1.0	1.0
2008	4	18	21	0.9	1.0
2008	4	18	22	0.8	1.0
2008	4	19	1	0.8	1.0
2008	4	19	5	0.9	1.0
2008	4	19	6	1.0	1.0
2008	4	19	21	0.9	1.0
2008	4	19	22	0.8	1.0
2008	4	20	1	0.8	1.0
2008	4	20	5	0.9	1.0
2008	4	20	6	1.0	1.0
2008	4	20	21	0.9	1.0
2008	4	20	22	0.8	1.0
2008	4	21	1	0.8	1.0
2008	4	21	5	0.9	1.0
2008	4	21	6	1.0	1.0

Hourly Capacity Pattern 17 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	4	21	21	0.9	1.0
2008	4	21	22	0.8	1.0
2008	4	22	1	0.8	1.0
2008	4	22	5	0.9	1.0
2008	4	22	6	1.0	1.0
2008	4	22	21	0.9	1.0
2008	4	22	22	0.8	1.0
2008	4	23	1	0.8	1.0
2008	4	23	5	0.9	1.0
2008	4	23	6	1.0	1.0
2008	4	23	21	0.9	1.0
2008	4	23	22	0.8	1.0
2008	4	24	1	0.8	1.0
2008	4	24	5	0.9	1.0
2008	4	24	6	1.0	1.0
2008	4	24	21	0.9	1.0
2008	4	24	22	0.8	1.0
2008	4	25	1	0.8	1.0
2008	4	25	5	0.9	1.0
2008	4	25	6	1.0	1.0
2008	4	25	21	0.9	1.0
2008	4	25	22	0.8	1.0
2008	4	26	1	0.8	1.0
2008	4	26	5	0.9	1.0
2008	4	26	6	1.0	1.0
2008	4	26	21	0.9	1.0
2008	4	26	22	0.8	1.0
2008	4	27	1	0.8	1.0
2008	4	27	5	0.9	1.0
2008	4	27	6	1.0	1.0
2008	4	27	21	0.9	1.0
2008	4	27	22	0.8	1.0
2008	4	28	1	0.8	1.0
2008	4	28	5	0.9	1.0
2008	4	28	6	1.0	1.0
2008	4	28	21	0.9	1.0
2008	4	28	22	0.8	1.0
2008	4	29	1	0.8	1.0
2008	4	29	5	0.9	1.0
2008	4	29	6	1.0	1.0
2008	4	29	21	0.9	1.0
2008	4	29	22	0.8	1.0
2008	4	30	1	0.8	1.0
2008	4	30	5	0.9	1.0
2008	4	30	6	1.0	1.0
2008	4	30	21	0.9	1.0
2008	4	30	22	0.8	1.0
2008	5	1	1	0.8	1.0
2008	5	1	5	0.9	1.0
2008	5	1	6	1.0	1.0
2008	5	1	21	0.9	1.0
2008	5	1	22	0.8	1.0
2008	5	2	1	0.8	1.0
2008	5	2	5	0.9	1.0
2008	5	2	6	1.0	1.0
2008	5	2	21	0.9	1.0
2008	5	2	22	0.8	1.0
2008	5	3	1	0.8	1.0
2008	5	3	5	0.9	1.0
2008	5	3	6	1.0	1.0
2008	5	3	21	0.9	1.0
2008	5	3	22	0.8	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	5	4	1	0.8	1.0
2008	5	4	5	0.9	1.0
2008	5	4	6	1.0	1.0
2008	5	4	21	0.9	1.0
2008	5	4	22	0.8	1.0
2008	5	5	1	0.8	1.0
2008	5	5	5	0.9	1.0
2008	5	5	6	1.0	1.0
2008	5	5	21	0.9	1.0
2008	5	5	22	0.8	1.0
2008	5	6	1	0.8	1.0
2008	5	6	5	0.9	1.0
2008	5	6	6	1.0	1.0
2008	5	6	21	0.9	1.0
2008	5	6	22	0.8	1.0
2008	5	7	1	0.8	1.0
2008	5	7	5	0.9	1.0
2008	5	7	6	1.0	1.0
2008	5	7	21	0.9	1.0
2008	5	7	22	0.8	1.0
2008	5	8	1	0.8	1.0
2008	5	8	5	0.9	1.0
2008	5	8	6	1.0	1.0
2008	5	8	21	0.9	1.0
2008	5	8	22	0.8	1.0
2008	5	9	1	0.8	1.0
2008	5	9	5	0.9	1.0
2008	5	9	6	1.0	1.0
2008	5	9	21	0.9	1.0
2008	5	9	22	0.8	1.0
2008	5	10	1	0.8	1.0
2008	5	10	5	0.9	1.0
2008	5	10	6	1.0	1.0
2008	5	10	21	0.9	1.0
2008	5	10	22	0.8	1.0
2008	5	11	1	0.8	1.0
2008	5	11	5	0.9	1.0
2008	5	11	6	1.0	1.0
2008	5	11	21	0.9	1.0
2008	5	11	22	0.8	1.0
2008	5	12	1	0.8	1.0
2008	5	12	5	0.9	1.0
2008	5	12	6	1.0	1.0
2008	5	12	21	0.9	1.0
2008	5	12	22	0.8	1.0
2008	5	13	1	0.8	1.0
2008	5	13	5	0.9	1.0
2008	5	13	6	1.0	1.0
2008	5	13	21	0.9	1.0
2008	5	13	22	0.8	1.0
2008	5	14	1	0.8	1.0
2008	5	14	5	0.9	1.0
2008	5	14	6	1.0	1.0
2008	5	14	21	0.9	1.0
2008	5	14	22	0.8	1.0
2008	5	15	1	0.8	1.0
2008	5	15	5	0.9	1.0
2008	5	15	6	1.0	1.0
2008	5	15	21	0.9	1.0
2008	5	15	22	0.8	1.0
2008	5	16	1	0.8	1.0
2008	5	16	5	0.9	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	5	16	6	1.0	1.0
2008	5	16	21	0.9	1.0
2008	5	16	22	0.8	1.0
2008	5	17	1	0.8	1.0
2008	5	17	5	0.9	1.0
2008	5	17	6	1.0	1.0
2008	5	17	21	0.9	1.0
2008	5	17	22	0.8	1.0
2008	5	18	1	0.8	1.0
2008	5	18	5	0.9	1.0
2008	5	18	6	1.0	1.0
2008	5	18	21	0.9	1.0
2008	5	18	22	0.8	1.0
2008	5	19	1	0.8	1.0
2008	5	19	5	0.9	1.0
2008	5	19	6	1.0	1.0
2008	5	19	21	0.9	1.0
2008	5	19	22	0.8	1.0
2008	5	20	1	0.8	1.0
2008	5	20	5	0.9	1.0
2008	5	20	6	1.0	1.0
2008	5	20	21	0.9	1.0
2008	5	20	22	0.8	1.0
2008	5	21	1	0.8	1.0
2008	5	21	5	0.9	1.0
2008	5	21	6	1.0	1.0
2008	5	21	21	0.9	1.0
2008	5	21	22	0.8	1.0
2008	5	22	1	0.8	1.0
2008	5	22	5	0.9	1.0
2008	5	22	6	1.0	1.0
2008	5	22	21	0.9	1.0
2008	5	22	22	0.8	1.0
2008	5	23	1	0.8	1.0
2008	5	23	5	0.9	1.0
2008	5	23	6	1.0	1.0
2008	5	23	21	0.9	1.0
2008	5	23	22	0.8	1.0
2008	5	24	1	0.8	1.0
2008	5	24	5	0.9	1.0
2008	5	24	6	1.0	1.0
2008	5	24	21	0.9	1.0
2008	5	24	22	0.8	1.0
2008	5	25	1	0.8	1.0
2008	5	25	5	0.9	1.0
2008	5	25	6	1.0	1.0
2008	5	25	21	0.9	1.0
2008	5	25	22	0.8	1.0
2008	5	26	1	0.8	1.0
2008	5	26	5	0.9	1.0
2008	5	26	6	1.0	1.0
2008	5	26	21	0.9	1.0
2008	5	26	22	0.8	1.0
2008	5	27	1	0.8	1.0
2008	5	27	5	0.9	1.0
2008	5	27	6	1.0	1.0
2008	5	27	21	0.9	1.0
2008	5	27	22	0.8	1.0
2008	5	28	1	0.8	1.0
2008	5	28	5	0.9	1.0
2008	5	28	6	1.0	1.0
2008	5	28	21	0.9	1.0

Hourly Capacity Pattern 17 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	5	28	22	0.8	1.0
2008	5	29	1	0.8	1.0
2008	5	29	5	0.9	1.0
2008	5	29	6	1.0	1.0
2008	5	29	21	0.9	1.0
2008	5	29	22	0.8	1.0
2008	5	30	1	0.8	1.0
2008	5	30	5	0.9	1.0
2008	5	30	6	1.0	1.0
2008	5	30	21	0.9	1.0
2008	5	30	22	0.8	1.0
2008	5	31	1	0.8	1.0
2008	5	31	5	0.9	1.0
2008	5	31	6	1.0	1.0
2008	5	31	21	0.9	1.0
2008	5	31	22	0.8	1.0
2008	6	1	1	0.8	1.0
2008	6	1	5	0.9	1.0
2008	6	1	6	1.0	1.0
2008	6	1	21	0.9	1.0
2008	6	1	22	0.8	1.0
2008	6	2	1	0.8	1.0
2008	6	2	5	0.9	1.0
2008	6	2	6	1.0	1.0
2008	6	2	21	0.9	1.0
2008	6	2	22	0.8	1.0
2008	6	3	1	0.8	1.0
2008	6	3	5	0.9	1.0
2008	6	3	6	1.0	1.0
2008	6	3	21	0.9	1.0
2008	6	3	22	0.8	1.0
2008	6	4	1	0.8	1.0
2008	6	4	5	0.9	1.0
2008	6	4	6	1.0	1.0
2008	6	4	21	0.9	1.0
2008	6	4	22	0.8	1.0
2008	6	5	1	0.8	1.0
2008	6	5	5	0.9	1.0
2008	6	5	6	1.0	1.0
2008	6	5	21	0.9	1.0
2008	6	5	22	0.8	1.0
2008	6	6	1	0.8	1.0
2008	6	6	5	0.9	1.0
2008	6	6	6	1.0	1.0
2008	6	6	21	0.9	1.0
2008	6	6	22	0.8	1.0
2008	6	7	1	0.8	1.0
2008	6	7	5	0.9	1.0
2008	6	7	6	1.0	1.0
2008	6	7	21	0.9	1.0
2008	6	7	22	0.8	1.0
2008	6	8	1	0.8	1.0
2008	6	8	5	0.9	1.0
2008	6	8	6	1.0	1.0
2008	6	8	21	0.9	1.0
2008	6	8	22	0.8	1.0
2008	6	9	1	0.8	1.0
2008	6	9	5	0.9	1.0
2008	6	9	6	1.0	1.0
2008	6	9	21	0.9	1.0
2008	6	9	22	0.8	1.0
2008	6	10	1	0.8	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	6	10	5	0.9	1.0
2008	6	10	6	1.0	1.0
2008	6	10	21	0.9	1.0
2008	6	10	22	0.8	1.0
2008	6	11	1	0.8	1.0
2008	6	11	5	0.9	1.0
2008	6	11	6	1.0	1.0
2008	6	11	21	0.9	1.0
2008	6	11	22	0.8	1.0
2008	6	12	1	0.8	1.0
2008	6	12	5	0.9	1.0
2008	6	12	6	1.0	1.0
2008	6	12	21	0.9	1.0
2008	6	12	22	0.8	1.0
2008	6	13	1	0.8	1.0
2008	6	13	5	0.9	1.0
2008	6	13	6	1.0	1.0
2008	6	13	21	0.9	1.0
2008	6	13	22	0.8	1.0
2008	6	14	1	0.8	1.0
2008	6	14	5	0.9	1.0
2008	6	14	6	1.0	1.0
2008	6	14	21	0.9	1.0
2008	6	14	22	0.8	1.0
2008	6	15	1	0.8	1.0
2008	6	15	5	0.9	1.0
2008	6	15	6	1.0	1.0
2008	6	15	21	0.9	1.0
2008	6	15	22	0.8	1.0
2008	6	16	1	0.8	1.0
2008	6	16	5	0.9	1.0
2008	6	16	6	1.0	1.0
2008	6	16	21	0.9	1.0
2008	6	16	22	0.8	1.0
2008	6	17	1	0.8	1.0
2008	6	17	5	0.9	1.0
2008	6	17	6	1.0	1.0
2008	6	17	21	0.9	1.0
2008	6	17	22	0.8	1.0
2008	6	18	1	0.8	1.0
2008	6	18	5	0.9	1.0
2008	6	18	6	1.0	1.0
2008	6	18	21	0.9	1.0
2008	6	18	22	0.8	1.0
2008	6	19	1	0.8	1.0
2008	6	19	5	0.9	1.0
2008	6	19	6	1.0	1.0
2008	6	19	21	0.9	1.0
2008	6	19	22	0.8	1.0
2008	6	20	1	0.8	1.0
2008	6	20	5	0.9	1.0
2008	6	20	6	1.0	1.0
2008	6	20	21	0.9	1.0
2008	6	20	22	0.8	1.0
2008	6	21	1	0.8	1.0
2008	6	21	5	0.9	1.0
2008	6	21	6	1.0	1.0
2008	6	21	21	0.9	1.0
2008	6	21	22	0.8	1.0
2008	6	22	1	0.8	1.0
2008	6	22	5	0.9	1.0
2008	6	22	6	1.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	6	22	21	0.9	1.0
2008	6	22	22	0.8	1.0
2008	6	23	1	0.8	1.0
2008	6	23	5	0.9	1.0
2008	6	23	6	1.0	1.0
2008	6	23	21	0.9	1.0
2008	6	23	22	0.8	1.0
2008	6	24	1	0.8	1.0
2008	6	24	5	0.9	1.0
2008	6	24	6	1.0	1.0
2008	6	24	21	0.9	1.0
2008	6	24	22	0.8	1.0
2008	6	25	1	0.8	1.0
2008	6	25	5	0.9	1.0
2008	6	25	6	1.0	1.0
2008	6	25	21	0.9	1.0
2008	6	25	22	0.8	1.0
2008	6	26	1	0.8	1.0
2008	6	26	5	0.9	1.0
2008	6	26	6	1.0	1.0
2008	6	26	21	0.9	1.0
2008	6	26	22	0.8	1.0
2008	6	27	1	0.8	1.0
2008	6	27	5	0.9	1.0
2008	6	27	6	1.0	1.0
2008	6	27	21	0.9	1.0
2008	6	27	22	0.8	1.0
2008	6	28	1	0.8	1.0
2008	6	28	5	0.9	1.0
2008	6	28	6	1.0	1.0
2008	6	28	21	0.9	1.0
2008	6	28	22	0.8	1.0
2008	6	29	1	0.8	1.0
2008	6	29	5	0.9	1.0
2008	6	29	6	1.0	1.0
2008	6	29	21	0.9	1.0
2008	6	29	22	0.8	1.0
2008	6	30	1	0.8	1.0
2008	6	30	5	0.9	1.0
2008	6	30	6	1.0	1.0
2008	6	30	21	0.9	1.0
2008	6	30	22	0.8	1.0
2008	7	1	1	0.8	1.0
2008	7	1	5	0.9	1.0
2008	7	1	6	1.0	1.0
2008	7	1	21	0.9	1.0
2008	7	1	22	0.8	1.0
2008	7	2	1	0.8	1.0
2008	7	2	5	0.9	1.0
2008	7	2	6	1.0	1.0
2008	7	2	21	0.9	1.0
2008	7	2	22	0.8	1.0
2008	7	3	1	0.8	1.0
2008	7	3	5	0.9	1.0
2008	7	3	6	1.0	1.0
2008	7	3	21	0.9	1.0
2008	7	3	22	0.8	1.0
2008	7	4	1	0.8	1.0
2008	7	4	5	0.9	1.0
2008	7	4	6	1.0	1.0
2008	7	4	21	0.9	1.0
2008	7	4	22	0.8	1.0

Hourly Capacity Pattern 17 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	7	5	1	0.8	1.0
2008	7	5	5	0.9	1.0
2008	7	5	6	1.0	1.0
2008	7	5	21	0.9	1.0
2008	7	5	22	0.8	1.0
2008	7	6	1	0.8	1.0
2008	7	6	5	0.9	1.0
2008	7	6	6	1.0	1.0
2008	7	6	21	0.9	1.0
2008	7	6	22	0.8	1.0
2008	7	7	1	0.8	1.0
2008	7	7	5	0.9	1.0
2008	7	7	6	1.0	1.0
2008	7	7	21	0.9	1.0
2008	7	7	22	0.8	1.0
2008	7	8	1	0.8	1.0
2008	7	8	5	0.9	1.0
2008	7	8	6	1.0	1.0
2008	7	8	21	0.9	1.0
2008	7	8	22	0.8	1.0
2008	7	9	1	0.8	1.0
2008	7	9	5	0.9	1.0
2008	7	9	6	1.0	1.0
2008	7	9	21	0.9	1.0
2008	7	9	22	0.8	1.0
2008	7	10	1	0.8	1.0
2008	7	10	5	0.9	1.0
2008	7	10	6	1.0	1.0
2008	7	10	21	0.9	1.0
2008	7	10	22	0.8	1.0
2008	7	11	1	0.8	1.0
2008	7	11	5	0.9	1.0
2008	7	11	6	1.0	1.0
2008	7	11	21	0.9	1.0
2008	7	11	22	0.8	1.0
2008	7	12	1	0.8	1.0
2008	7	12	5	0.9	1.0
2008	7	12	6	1.0	1.0
2008	7	12	21	0.9	1.0
2008	7	12	22	0.8	1.0
2008	7	13	1	0.8	1.0
2008	7	13	5	0.9	1.0
2008	7	13	6	1.0	1.0
2008	7	13	21	0.9	1.0
2008	7	13	22	0.8	1.0
2008	7	14	1	0.8	1.0
2008	7	14	5	0.9	1.0
2008	7	14	6	1.0	1.0
2008	7	14	21	0.9	1.0
2008	7	14	22	0.8	1.0
2008	7	15	1	0.8	1.0
2008	7	15	5	0.9	1.0
2008	7	15	6	1.0	1.0
2008	7	15	21	0.9	1.0
2008	7	15	22	0.8	1.0
2008	7	16	1	0.8	1.0
2008	7	16	5	0.9	1.0
2008	7	16	6	1.0	1.0
2008	7	16	21	0.9	1.0
2008	7	16	22	0.8	1.0
2008	7	17	1	0.8	1.0
2008	7	17	5	0.9	1.0
2008	7	17	6	1.0	1.0
2008	7	17	21	0.9	1.0
2008	7	17	22	0.8	1.0
2008	7	18	1	0.8	1.0
2008	7	18	5	0.9	1.0
2008	7	18	6	1.0	1.0
2008	7	18	21	0.9	1.0
2008	7	18	22	0.8	1.0
2008	7	19	1	0.8	1.0
2008	7	19	5	0.9	1.0
2008	7	19	6	1.0	1.0
2008	7	19	21	0.9	1.0
2008	7	19	22	0.8	1.0
2008	7	20	1	0.8	1.0
2008	7	20	5	0.9	1.0
2008	7	20	6	1.0	1.0
2008	7	20	21	0.9	1.0
2008	7	20	22	0.8	1.0
2008	7	21	1	0.8	1.0
2008	7	21	5	0.9	1.0
2008	7	21	6	1.0	1.0
2008	7	21	21	0.9	1.0
2008	7	21	22	0.8	1.0
2008	7	22	1	0.8	1.0
2008	7	22	5	0.9	1.0
2008	7	22	6	1.0	1.0
2008	7	22	21	0.9	1.0
2008	7	22	22	0.8	1.0
2008	7	23	1	0.8	1.0
2008	7	23	5	0.9	1.0
2008	7	23	6	1.0	1.0
2008	7	23	21	0.9	1.0
2008	7	23	22	0.8	1.0
2008	7	24	1	0.8	1.0
2008	7	24	5	0.9	1.0
2008	7	24	6	1.0	1.0
2008	7	24	21	0.9	1.0
2008	7	24	22	0.8	1.0
2008	7	25	1	0.8	1.0
2008	7	25	5	0.9	1.0
2008	7	25	6	1.0	1.0
2008	7	25	21	0.9	1.0
2008	7	25	22	0.8	1.0
2008	7	26	1	0.8	1.0
2008	7	26	5	0.9	1.0
2008	7	26	6	1.0	1.0
2008	7	26	21	0.9	1.0
2008	7	26	22	0.8	1.0
2008	7	27	1	0.8	1.0
2008	7	27	5	0.9	1.0
2008	7	27	6	1.0	1.0
2008	7	27	21	0.9	1.0
2008	7	27	22	0.8	1.0
2008	7	28	1	0.8	1.0
2008	7	28	5	0.9	1.0
2008	7	28	6	1.0	1.0
2008	7	28	21	0.9	1.0
2008	7	28	22	0.8	1.0
2008	7	29	1	0.8	1.0
2008	7	29	5	0.9	1.0
2008	7	29	6	1.0	1.0
2008	7	29	21	0.9	1.0

SetID	Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
PTN17	2008	7	29	22	0.8	1.0
PTN17	2008	7	30	1	0.8	1.0
PTN17	2008	7	30	5	0.9	1.0
PTN17	2008	7	30	6	1.0	1.0
PTN17	2008	7	30	21	0.9	1.0
PTN17	2008	7	30	22	0.8	1.0
PTN17	2008	7	31	1	0.8	1.0
PTN17	2008	7	31	5	0.9	1.0
PTN17	2008	7	31	6	1.0	1.0
PTN17	2008	7	31	21	0.9	1.0
PTN17	2008	7	31	22	0.8	1.0
PTN17	2008	8	1	1	0.8	1.0
PTN17	2008	8	1	5	0.9	1.0
PTN17	2008	8	1	6	1.0	1.0
PTN17	2008	8	1	21	0.9	1.0
PTN17	2008	8	1	22	0.8	1.0
PTN17	2008	8	2	1	0.8	1.0
PTN17	2008	8	2	5	0.9	1.0
PTN17	2008	8	2	6	1.0	1.0
PTN17	2008	8	2	21	0.9	1.0
PTN17	2008	8	2	22	0.8	1.0
PTN17	2008	8	3	1	0.8	1.0
PTN17	2008	8	3	5	0.9	1.0
PTN17	2008	8	3	6	1.0	1.0
PTN17	2008	8	3	21	0.9	1.0
PTN17	2008	8	3	22	0.8	1.0
PTN17	2008	8	4	1	0.8	1.0
PTN17	2008	8	4	5	0.9	1.0
PTN17	2008	8	4	6	1.0	1.0
PTN17	2008	8	4	21	0.9	1.0
PTN17	2008	8	4	22	0.8	1.0
PTN17	2008	8	5	1	0.8	1.0
PTN17	2008	8	5	5	0.9	1.0
PTN17	2008	8	5	6	1.0	1.0
PTN17	2008	8	5	21	0.9	1.0
PTN17	2008	8	5	22	0.8	1.0
PTN17	2008	8	6	1	0.8	1.0
PTN17	2008	8	6	5	0.9	1.0
PTN17	2008	8	6	6	1.0	1.0
PTN17	2008	8	6	21	0.9	1.0
PTN17	2008	8	6	22	0.8	1.0
PTN17	2008	8	7	1	0.8	1.0
PTN17	2008	8	7	5	0.9	1.0
PTN17	2008	8	7	6	1.0	1.0
PTN17	2008	8	7	21	0.9	1.0
PTN17	2008	8	7	22	0.8	1.0
PTN17	2008	8	8	1	0.8	1.0
PTN17	2008	8	8	5	0.9	1.0
PTN17	2008	8	8	6	1.0	1.0
PTN17	2008	8	8	21	0.9	1.0
PTN17	2008	8	8	22	0.8	1.0
PTN17	2008	8	9	1	0.8	1.0
PTN17	2008	8	9	5	0.9	1.0
PTN17	2008	8	9	6	1.0	1.0
PTN17	2008	8	9	21	0.9	1.0
PTN17	2008	8	9	22	0.8	1.0
PTN17	2008	8	10	1	0.8	1.0
PTN17	2008	8	10	5	0.9	1.0
PTN17	2008	8	10	6	1.0	1.0
PTN17	2008	8	10	21	0.9	1.0
PTN17	2008	8	10	22	0.8	1.0
PTN17	2008	8	11	1	0.8	1.0

Hourly Capacity Pattern 17

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	8	11	5	0.9	1.0
2008	8	11	6	1.0	1.0
2008	8	11	21	0.9	1.0
2008	8	11	22	0.8	1.0
2008	8	12	1	0.8	1.0
2008	8	12	5	0.9	1.0
2008	8	12	6	1.0	1.0
2008	8	12	21	0.9	1.0
2008	8	12	22	0.8	1.0
2008	8	13	1	0.8	1.0
2008	8	13	5	0.9	1.0
2008	8	13	6	1.0	1.0
2008	8	13	21	0.9	1.0
2008	8	13	22	0.8	1.0
2008	8	14	1	0.8	1.0
2008	8	14	5	0.9	1.0
2008	8	14	6	1.0	1.0
2008	8	14	21	0.9	1.0
2008	8	14	22	0.8	1.0
2008	8	15	1	0.8	1.0
2008	8	15	5	0.9	1.0
2008	8	15	6	1.0	1.0
2008	8	15	21	0.9	1.0
2008	8	15	22	0.8	1.0
2008	8	16	1	0.8	1.0
2008	8	16	5	0.9	1.0
2008	8	16	6	1.0	1.0
2008	8	16	21	0.9	1.0
2008	8	16	22	0.8	1.0
2008	8	17	1	0.8	1.0
2008	8	17	5	0.9	1.0
2008	8	17	6	1.0	1.0
2008	8	17	21	0.9	1.0
2008	8	17	22	0.8	1.0
2008	8	18	1	0.8	1.0
2008	8	18	5	0.9	1.0
2008	8	18	6	1.0	1.0
2008	8	18	21	0.9	1.0
2008	8	18	22	0.8	1.0
2008	8	19	1	0.8	1.0
2008	8	19	5	0.9	1.0
2008	8	19	6	1.0	1.0
2008	8	19	21	0.9	1.0
2008	8	19	22	0.8	1.0
2008	8	20	1	0.8	1.0
2008	8	20	5	0.9	1.0
2008	8	20	6	1.0	1.0
2008	8	20	21	0.9	1.0
2008	8	20	22	0.8	1.0
2008	8	21	1	0.8	1.0
2008	8	21	5	0.9	1.0
2008	8	21	6	1.0	1.0
2008	8	21	21	0.9	1.0
2008	8	21	22	0.8	1.0
2008	8	22	1	0.8	1.0
2008	8	22	5	0.9	1.0
2008	8	22	6	1.0	1.0
2008	8	22	21	0.9	1.0
2008	8	22	22	0.8	1.0
2008	8	23	1	0.8	1.0
2008	8	23	5	0.9	1.0
2008	8	23	6	1.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	8	23	21	0.9	1.0
2008	8	23	22	0.8	1.0
2008	8	24	1	0.8	1.0
2008	8	24	5	0.9	1.0
2008	8	24	6	1.0	1.0
2008	8	24	21	0.9	1.0
2008	8	24	22	0.8	1.0
2008	8	25	1	0.8	1.0
2008	8	25	5	0.9	1.0
2008	8	25	6	1.0	1.0
2008	8	25	21	0.9	1.0
2008	8	25	22	0.8	1.0
2008	8	26	1	0.8	1.0
2008	8	26	5	0.9	1.0
2008	8	26	6	1.0	1.0
2008	8	26	21	0.9	1.0
2008	8	26	22	0.8	1.0
2008	8	27	1	0.8	1.0
2008	8	27	5	0.9	1.0
2008	8	27	6	1.0	1.0
2008	8	27	21	0.9	1.0
2008	8	27	22	0.8	1.0
2008	8	28	1	0.8	1.0
2008	8	28	5	0.9	1.0
2008	8	28	6	1.0	1.0
2008	8	28	21	0.9	1.0
2008	8	28	22	0.8	1.0
2008	8	29	1	0.8	1.0
2008	8	29	5	0.9	1.0
2008	8	29	6	1.0	1.0
2008	8	29	21	0.9	1.0
2008	8	29	22	0.8	1.0
2008	8	30	1	0.8	1.0
2008	8	30	5	0.9	1.0
2008	8	30	6	1.0	1.0
2008	8	30	21	0.9	1.0
2008	8	30	22	0.8	1.0
2008	8	31	1	0.8	1.0
2008	8	31	5	0.9	1.0
2008	8	31	6	1.0	1.0
2008	8	31	21	0.9	1.0
2008	8	31	22	0.8	1.0
2008	9	1	1	0.8	1.0
2008	9	1	5	0.9	1.0
2008	9	1	6	1.0	1.0
2008	9	1	21	0.9	1.0
2008	9	1	22	0.8	1.0
2008	9	2	1	0.8	1.0
2008	9	2	5	0.9	1.0
2008	9	2	6	1.0	1.0
2008	9	2	21	0.9	1.0
2008	9	2	22	0.8	1.0
2008	9	3	1	0.8	1.0
2008	9	3	5	0.9	1.0
2008	9	3	6	1.0	1.0
2008	9	3	21	0.9	1.0
2008	9	3	22	0.8	1.0
2008	9	4	1	0.8	1.0
2008	9	4	5	0.9	1.0
2008	9	4	6	1.0	1.0
2008	9	4	21	0.9	1.0
2008	9	4	22	0.8	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	9	5	1	0.8	1.0
2008	9	5	5	0.9	1.0
2008	9	5	6	1.0	1.0
2008	9	5	21	0.9	1.0
2008	9	5	22	0.8	1.0
2008	9	6	1	0.8	1.0
2008	9	6	5	0.9	1.0
2008	9	6	6	1.0	1.0
2008	9	6	21	0.9	1.0
2008	9	6	22	0.8	1.0
2008	9	7	1	0.8	1.0
2008	9	7	5	0.9	1.0
2008	9	7	6	1.0	1.0
2008	9	7	21	0.9	1.0
2008	9	7	22	0.8	1.0
2008	9	8	1	0.8	1.0
2008	9	8	5	0.9	1.0
2008	9	8	6	1.0	1.0
2008	9	8	21	0.9	1.0
2008	9	8	22	0.8	1.0
2008	9	9	1	0.8	1.0
2008	9	9	5	0.9	1.0
2008	9	9	6	1.0	1.0
2008	9	9	21	0.9	1.0
2008	9	9	22	0.8	1.0
2008	9	10	1	0.8	1.0
2008	9	10	5	0.9	1.0
2008	9	10	6	1.0	1.0
2008	9	10	21	0.9	1.0
2008	9	10	22	0.8	1.0
2008	9	11	1	0.8	1.0
2008	9	11	5	0.9	1.0
2008	9	11	6	1.0	1.0
2008	9	11	21	0.9	1.0
2008	9	11	22	0.8	1.0
2008	9	12	1	0.8	1.0
2008	9	12	5	0.9	1.0
2008	9	12	6	1.0	1.0
2008	9	12	21	0.9	1.0
2008	9	12	22	0.8	1.0
2008	9	13	1	0.8	1.0
2008	9	13	5	0.9	1.0
2008	9	13	6	1.0	1.0
2008	9	13	21	0.9	1.0
2008	9	13	22	0.8	1.0
2008	9	14	1	0.8	1.0
2008	9	14	5	0.9	1.0
2008	9	14	6	1.0	1.0
2008	9	14	21	0.9	1.0
2008	9	14	22	0.8	1.0
2008	9	15	1	0.8	1.0
2008	9	15	5	0.9	1.0
2008	9	15	6	1.0	1.0
2008	9	15	21	0.9	1.0
2008	9	15	22	0.8	1.0
2008	9	16	1	0.8	1.0
2008	9	16	5	0.9	1.0
2008	9	16	6	1.0	1.0
2008	9	16	21	0.9	1.0
2008	9	16	22	0.8	1.0
2008	9	17	1	0.8	1.0
2008	9	17	5	0.9	1.0

Hourly Capacity Pattern 17 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	9	17	6	1.0	1.0
2008	9	17	21	0.9	1.0
2008	9	17	22	0.8	1.0
2008	9	18	1	0.8	1.0
2008	9	18	5	0.9	1.0
2008	9	18	6	1.0	1.0
2008	9	18	21	0.9	1.0
2008	9	18	22	0.8	1.0
2008	9	19	1	0.8	1.0
2008	9	19	5	0.9	1.0
2008	9	19	6	1.0	1.0
2008	9	19	21	0.9	1.0
2008	9	19	22	0.8	1.0
2008	9	20	1	0.8	1.0
2008	9	20	5	0.9	1.0
2008	9	20	6	1.0	1.0
2008	9	20	21	0.9	1.0
2008	9	20	22	0.8	1.0
2008	9	21	1	0.8	1.0
2008	9	21	5	0.9	1.0
2008	9	21	6	1.0	1.0
2008	9	21	21	0.9	1.0
2008	9	21	22	0.8	1.0
2008	9	22	1	0.8	1.0
2008	9	22	5	0.9	1.0
2008	9	22	6	1.0	1.0
2008	9	22	21	0.9	1.0
2008	9	22	22	0.8	1.0
2008	9	23	1	0.8	1.0
2008	9	23	5	0.9	1.0
2008	9	23	6	1.0	1.0
2008	9	23	21	0.9	1.0
2008	9	23	22	0.8	1.0
2008	9	24	1	0.8	1.0
2008	9	24	5	0.9	1.0
2008	9	24	6	1.0	1.0
2008	9	24	21	0.9	1.0
2008	9	24	22	0.8	1.0
2008	9	25	1	0.8	1.0
2008	9	25	5	0.9	1.0
2008	9	25	6	1.0	1.0
2008	9	25	21	0.9	1.0
2008	9	25	22	0.8	1.0
2008	9	26	1	0.8	1.0
2008	9	26	5	0.9	1.0
2008	9	26	6	1.0	1.0
2008	9	26	21	0.9	1.0
2008	9	26	22	0.8	1.0
2008	9	27	1	0.8	1.0
2008	9	27	5	0.9	1.0
2008	9	27	6	1.0	1.0
2008	9	27	21	0.9	1.0
2008	9	27	22	0.8	1.0
2008	9	28	1	0.8	1.0
2008	9	28	5	0.9	1.0
2008	9	28	6	1.0	1.0
2008	9	28	21	0.9	1.0
2008	9	28	22	0.8	1.0
2008	9	29	1	0.8	1.0
2008	9	29	5	0.9	1.0
2008	9	29	6	1.0	1.0
2008	9	29	21	0.9	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	9	29	22	0.8	1.0
2008	9	30	1	0.8	1.0
2008	9	30	5	0.9	1.0
2008	9	30	6	1.0	1.0
2008	9	30	21	0.9	1.0
2008	9	30	22	0.8	1.0
2008	10	1	1	0.8	1.0
2008	10	1	5	0.9	1.0
2008	10	1	6	1.0	1.0
2008	10	1	21	0.9	1.0
2008	10	1	22	0.8	1.0
2008	10	2	1	0.8	1.0
2008	10	2	5	0.9	1.0
2008	10	2	6	1.0	1.0
2008	10	2	21	0.9	1.0
2008	10	2	22	0.8	1.0
2008	10	3	1	0.8	1.0
2008	10	3	5	0.9	1.0
2008	10	3	6	1.0	1.0
2008	10	3	21	0.9	1.0
2008	10	3	22	0.8	1.0
2008	10	4	1	0.8	1.0
2008	10	4	5	0.9	1.0
2008	10	4	6	1.0	1.0
2008	10	4	21	0.9	1.0
2008	10	4	22	0.8	1.0
2008	10	5	1	0.8	1.0
2008	10	5	5	0.9	1.0
2008	10	5	6	1.0	1.0
2008	10	5	21	0.9	1.0
2008	10	5	22	0.8	1.0
2008	10	6	1	0.8	1.0
2008	10	6	5	0.9	1.0
2008	10	6	6	1.0	1.0
2008	10	6	21	0.9	1.0
2008	10	6	22	0.8	1.0
2008	10	7	1	0.8	1.0
2008	10	7	5	0.9	1.0
2008	10	7	6	1.0	1.0
2008	10	7	21	0.9	1.0
2008	10	7	22	0.8	1.0
2008	10	8	1	0.8	1.0
2008	10	8	5	0.9	1.0
2008	10	8	6	1.0	1.0
2008	10	8	21	0.9	1.0
2008	10	8	22	0.8	1.0
2008	10	9	1	0.8	1.0
2008	10	9	5	0.9	1.0
2008	10	9	6	1.0	1.0
2008	10	9	21	0.9	1.0
2008	10	9	22	0.8	1.0
2008	10	10	1	0.8	1.0
2008	10	10	5	0.9	1.0
2008	10	10	6	1.0	1.0
2008	10	10	21	0.9	1.0
2008	10	10	22	0.8	1.0
2008	10	11	1	0.8	1.0
2008	10	11	5	0.9	1.0
2008	10	11	6	1.0	1.0
2008	10	11	21	0.9	1.0
2008	10	11	22	0.8	1.0
2008	10	12	1	0.8	1.0
2008	10	12	5	0.9	1.0
2008	10	12	6	1.0	1.0
2008	10	12	21	0.9	1.0
2008	10	12	22	0.8	1.0
2008	10	13	1	0.8	1.0
2008	10	13	5	0.9	1.0
2008	10	13	6	1.0	1.0
2008	10	13	21	0.9	1.0
2008	10	13	22	0.8	1.0
2008	10	14	1	0.8	1.0
2008	10	14	5	0.9	1.0
2008	10	14	6	1.0	1.0
2008	10	14	21	0.9	1.0
2008	10	14	22	0.8	1.0
2008	10	15	1	0.8	1.0
2008	10	15	5	0.9	1.0
2008	10	15	6	1.0	1.0
2008	10	15	21	0.9	1.0
2008	10	15	22	0.8	1.0
2008	10	16	1	0.8	1.0
2008	10	16	5	0.9	1.0
2008	10	16	6	1.0	1.0
2008	10	16	21	0.9	1.0
2008	10	16	22	0.8	1.0
2008	10	17	1	0.8	1.0
2008	10	17	5	0.9	1.0
2008	10	17	6	1.0	1.0
2008	10	17	21	0.9	1.0
2008	10	17	22	0.8	1.0
2008	10	18	1	0.8	1.0
2008	10	18	5	0.9	1.0
2008	10	18	6	1.0	1.0
2008	10	18	21	0.9	1.0
2008	10	18	22	0.8	1.0
2008	10	19	1	0.8	1.0
2008	10	19	5	0.9	1.0
2008	10	19	6	1.0	1.0
2008	10	19	21	0.9	1.0
2008	10	19	22	0.8	1.0
2008	10	20	1	0.8	1.0
2008	10	20	5	0.9	1.0
2008	10	20	6	1.0	1.0
2008	10	20	21	0.9	1.0
2008	10	20	22	0.8	1.0
2008	10	21	1	0.8	1.0
2008	10	21	5	0.9	1.0
2008	10	21	6	1.0	1.0
2008	10	21	21	0.9	1.0
2008	10	21	22	0.8	1.0
2008	10	22	1	0.8	1.0
2008	10	22	5	0.9	1.0
2008	10	22	6	1.0	1.0
2008	10	22	21	0.9	1.0
2008	10	22	22	0.8	1.0
2008	10	23	1	0.8	1.0
2008	10	23	5	0.9	1.0
2008	10	23	6	1.0	1.0
2008	10	23	21	0.9	1.0
2008	10	23	22	0.8	1.0
2008	10	24	1	0.8	1.0
2008	10	24	5	0.9	1.0
2008	10	24	6	1.0	1.0

Hourly Capacity Pattern 17 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	10	24	21	0.9	1.0
2008	10	24	22	0.8	1.0
2008	10	25	1	0.8	1.0
2008	10	25	5	0.9	1.0
2008	10	25	6	1.0	1.0
2008	10	25	21	0.9	1.0
2008	10	25	22	0.8	1.0
2008	10	26	1	0.8	1.0
2008	10	26	5	0.9	1.0
2008	10	26	6	1.0	1.0
2008	10	26	21	0.9	1.0
2008	10	26	22	0.8	1.0
2008	10	27	1	0.8	1.0
2008	10	27	5	0.9	1.0
2008	10	27	6	1.0	1.0
2008	10	27	21	0.9	1.0
2008	10	27	22	0.8	1.0
2008	10	28	1	0.8	1.0
2008	10	28	5	0.9	1.0
2008	10	28	6	1.0	1.0
2008	10	28	21	0.9	1.0
2008	10	28	22	0.8	1.0
2008	10	29	1	0.8	1.0
2008	10	29	5	0.9	1.0
2008	10	29	6	1.0	1.0
2008	10	29	21	0.9	1.0
2008	10	29	22	0.8	1.0
2008	10	30	1	0.8	1.0
2008	10	30	5	0.9	1.0
2008	10	30	6	1.0	1.0
2008	10	30	21	0.9	1.0
2008	10	30	22	0.8	1.0
2008	10	31	1	0.8	1.0
2008	10	31	5	0.9	1.0
2008	10	31	6	1.0	1.0
2008	10	31	21	0.9	1.0
2008	10	31	22	0.8	1.0
2008	11	1	1	0.8	1.0
2008	11	1	5	0.9	1.0
2008	11	1	6	1.0	1.0
2008	11	1	21	0.9	1.0
2008	11	1	22	0.8	1.0
2008	11	2	1	0.8	1.0
2008	11	2	5	0.9	1.0
2008	11	2	6	1.0	1.0
2008	11	2	21	0.9	1.0
2008	11	2	22	0.8	1.0
2008	11	3	1	0.8	1.0
2008	11	3	5	0.9	1.0
2008	11	3	6	1.0	1.0
2008	11	3	21	0.9	1.0
2008	11	3	22	0.8	1.0
2008	11	4	1	0.8	1.0
2008	11	4	5	0.9	1.0
2008	11	4	6	1.0	1.0
2008	11	4	21	0.9	1.0
2008	11	4	22	0.8	1.0
2008	11	5	1	0.8	1.0
2008	11	5	5	0.9	1.0
2008	11	5	6	1.0	1.0
2008	11	5	21	0.9	1.0
2008	11	5	22	0.8	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	11	6	1	0.8	1.0
2008	11	6	5	0.9	1.0
2008	11	6	6	1.0	1.0
2008	11	6	21	0.9	1.0
2008	11	6	22	0.8	1.0
2008	11	7	1	0.8	1.0
2008	11	7	5	0.9	1.0
2008	11	7	6	1.0	1.0
2008	11	7	21	0.9	1.0
2008	11	7	22	0.8	1.0
2008	11	8	1	0.8	1.0
2008	11	8	5	0.9	1.0
2008	11	8	6	1.0	1.0
2008	11	8	21	0.9	1.0
2008	11	8	22	0.8	1.0
2008	11	9	1	0.8	1.0
2008	11	9	5	0.9	1.0
2008	11	9	6	1.0	1.0
2008	11	9	21	0.9	1.0
2008	11	9	22	0.8	1.0
2008	11	10	1	0.8	1.0
2008	11	10	5	0.9	1.0
2008	11	10	6	1.0	1.0
2008	11	10	21	0.9	1.0
2008	11	10	22	0.8	1.0
2008	11	11	1	0.8	1.0
2008	11	11	5	0.9	1.0
2008	11	11	6	1.0	1.0
2008	11	11	21	0.9	1.0
2008	11	11	22	0.8	1.0
2008	11	12	1	0.8	1.0
2008	11	12	5	0.9	1.0
2008	11	12	6	1.0	1.0
2008	11	12	21	0.9	1.0
2008	11	12	22	0.8	1.0
2008	11	13	1	0.8	1.0
2008	11	13	5	0.9	1.0
2008	11	13	6	1.0	1.0
2008	11	13	21	0.9	1.0
2008	11	13	22	0.8	1.0
2008	11	14	1	0.8	1.0
2008	11	14	5	0.9	1.0
2008	11	14	6	1.0	1.0
2008	11	14	21	0.9	1.0
2008	11	14	22	0.8	1.0
2008	11	15	1	0.8	1.0
2008	11	15	5	0.9	1.0
2008	11	15	6	1.0	1.0
2008	11	15	21	0.9	1.0
2008	11	15	22	0.8	1.0
2008	11	16	1	0.8	1.0
2008	11	16	5	0.9	1.0
2008	11	16	6	1.0	1.0
2008	11	16	21	0.9	1.0
2008	11	16	22	0.8	1.0
2008	11	17	1	0.8	1.0
2008	11	17	5	0.9	1.0
2008	11	17	6	1.0	1.0
2008	11	17	21	0.9	1.0
2008	11	17	22	0.8	1.0
2008	11	18	1	0.8	1.0
2008	11	18	5	0.9	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	11	18	6	1.0	1.0
2008	11	18	21	0.9	1.0
2008	11	18	22	0.8	1.0
2008	11	19	1	0.8	1.0
2008	11	19	5	0.9	1.0
2008	11	19	6	1.0	1.0
2008	11	19	21	0.9	1.0
2008	11	19	22	0.8	1.0
2008	11	20	1	0.8	1.0
2008	11	20	5	0.9	1.0
2008	11	20	6	1.0	1.0
2008	11	20	21	0.9	1.0
2008	11	20	22	0.8	1.0
2008	11	21	1	0.8	1.0
2008	11	21	5	0.9	1.0
2008	11	21	6	1.0	1.0
2008	11	21	21	0.9	1.0
2008	11	21	22	0.8	1.0
2008	11	22	1	0.8	1.0
2008	11	22	5	0.9	1.0
2008	11	22	6	1.0	1.0
2008	11	22	21	0.9	1.0
2008	11	22	22	0.8	1.0
2008	11	23	1	0.8	1.0
2008	11	23	5	0.9	1.0
2008	11	23	6	1.0	1.0
2008	11	23	21	0.9	1.0
2008	11	23	22	0.8	1.0
2008	11	24	1	0.8	1.0
2008	11	24	5	0.9	1.0
2008	11	24	6	1.0	1.0
2008	11	24	21	0.9	1.0
2008	11	24	22	0.8	1.0
2008	11	25	1	0.8	1.0
2008	11	25	5	0.9	1.0
2008	11	25	6	1.0	1.0
2008	11	25	21	0.9	1.0
2008	11	25	22	0.8	1.0
2008	11	26	1	0.8	1.0
2008	11	26	5	0.9	1.0
2008	11	26	6	1.0	1.0
2008	11	26	21	0.9	1.0
2008	11	26	22	0.8	1.0
2008	11	27	1	0.8	1.0
2008	11	27	5	0.9	1.0
2008	11	27	6	1.0	1.0
2008	11	27	21	0.9	1.0
2008	11	27	22	0.8	1.0
2008	11	28	1	0.8	1.0
2008	11	28	5	0.9	1.0
2008	11	28	6	1.0	1.0
2008	11	28	21	0.9	1.0
2008	11	28	22	0.8	1.0
2008	11	29	1	0.8	1.0
2008	11	29	5	0.9	1.0
2008	11	29	6	1.0	1.0
2008	11	29	21	0.9	1.0
2008	11	29	22	0.8	1.0
2008	11	30	1	0.8	1.0
2008	11	30	5	0.9	1.0
2008	11	30	6	1.0	1.0
2008	11	30	21	0.9	1.0

Hourly Capacity Pattern 17 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	12	1	1	0.8	1.0
2008	12	1	5	0.9	1.0
2008	12	1	6	1.0	1.0
2008	12	1	21	0.9	1.0
2008	12	1	22	0.8	1.0
2008	12	2	1	0.8	1.0
2008	12	2	5	0.9	1.0
2008	12	2	6	1.0	1.0
2008	12	2	21	0.9	1.0
2008	12	2	22	0.8	1.0
2008	12	3	1	0.8	1.0
2008	12	3	5	0.9	1.0
2008	12	3	6	1.0	1.0
2008	12	3	21	0.9	1.0
2008	12	3	22	0.8	1.0
2008	12	4	1	0.8	1.0
2008	12	4	5	0.9	1.0
2008	12	4	6	1.0	1.0
2008	12	4	21	0.9	1.0
2008	12	4	22	0.8	1.0
2008	12	5	1	0.8	1.0
2008	12	5	5	0.9	1.0
2008	12	5	6	1.0	1.0
2008	12	5	21	0.9	1.0
2008	12	5	22	0.8	1.0
2008	12	6	1	0.8	1.0
2008	12	6	5	0.9	1.0
2008	12	6	6	1.0	1.0
2008	12	6	21	0.9	1.0
2008	12	6	22	0.8	1.0
2008	12	7	1	0.8	1.0
2008	12	7	5	0.9	1.0
2008	12	7	6	1.0	1.0
2008	12	7	21	0.9	1.0
2008	12	7	22	0.8	1.0
2008	12	8	1	0.8	1.0
2008	12	8	5	0.9	1.0
2008	12	8	6	1.0	1.0
2008	12	8	21	0.9	1.0
2008	12	8	22	0.8	1.0
2008	12	9	1	0.8	1.0
2008	12	9	5	0.9	1.0
2008	12	9	6	1.0	1.0
2008	12	9	21	0.9	1.0
2008	12	9	22	0.8	1.0
2008	12	10	1	0.8	1.0
2008	12	10	5	0.9	1.0
2008	12	10	6	1.0	1.0
2008	12	10	21	0.9	1.0
2008	12	10	22	0.8	1.0
2008	12	11	1	0.8	1.0
2008	12	11	5	0.9	1.0
2008	12	11	6	1.0	1.0
2008	12	11	21	0.9	1.0
2008	12	11	22	0.8	1.0
2008	12	12	1	0.8	1.0
2008	12	12	5	0.9	1.0
2008	12	12	6	1.0	1.0
2008	12	12	21	0.9	1.0
2008	12	12	22	0.8	1.0
2008	12	13	1	0.8	1.0
2008	12	13	5	0.9	1.0
2008	12	13	6	1.0	1.0
2008	12	13	21	0.9	1.0
2008	12	13	22	0.8	1.0
2008	12	14	1	0.8	1.0
2008	12	14	5	0.9	1.0
2008	12	14	6	1.0	1.0
2008	12	14	21	0.9	1.0
2008	12	14	22	0.8	1.0
2008	12	15	1	0.8	1.0
2008	12	15	5	0.9	1.0
2008	12	15	6	1.0	1.0
2008	12	15	21	0.9	1.0
2008	12	15	22	0.8	1.0
2008	12	16	1	0.8	1.0
2008	12	16	5	0.9	1.0
2008	12	16	6	1.0	1.0
2008	12	16	21	0.9	1.0
2008	12	16	22	0.8	1.0
2008	12	17	1	0.8	1.0
2008	12	17	5	0.9	1.0
2008	12	17	6	1.0	1.0
2008	12	17	21	0.9	1.0
2008	12	17	22	0.8	1.0
2008	12	18	1	0.8	1.0
2008	12	18	5	0.9	1.0
2008	12	18	6	1.0	1.0
2008	12	18	21	0.9	1.0
2008	12	18	22	0.8	1.0
2008	12	19	1	0.8	1.0
2008	12	19	5	0.9	1.0
2008	12	19	6	1.0	1.0
2008	12	19	21	0.9	1.0
2008	12	19	22	0.8	1.0
2008	12	20	1	0.8	1.0
2008	12	20	5	0.9	1.0
2008	12	20	6	1.0	1.0
2008	12	20	21	0.9	1.0
2008	12	20	22	0.8	1.0
2008	12	21	1	0.8	1.0
2008	12	21	5	0.9	1.0
2008	12	21	6	1.0	1.0
2008	12	21	21	0.9	1.0
2008	12	21	22	0.8	1.0
2008	12	22	1	0.8	1.0
2008	12	22	5	0.9	1.0
2008	12	22	6	1.0	1.0
2008	12	22	21	0.9	1.0
2008	12	22	22	0.8	1.0
2008	12	23	1	0.8	1.0
2008	12	23	5	0.9	1.0
2008	12	23	6	1.0	1.0
2008	12	23	21	0.9	1.0
2008	12	23	22	0.8	1.0
2008	12	24	1	0.8	1.0
2008	12	24	5	0.9	1.0
2008	12	24	6	1.0	1.0
2008	12	24	21	0.9	1.0
2008	12	24	22	0.8	1.0
2008	12	25	1	0.8	1.0
2008	12	25	5	0.9	1.0
2008	12	25	6	1.0	1.0
2008	12	25	21	0.9	1.0
2008	12	25	22	0.8	1.0
2008	12	26	1	0.8	1.0
2008	12	26	5	0.9	1.0
2008	12	26	6	1.0	1.0
2008	12	26	21	0.9	1.0
2008	12	26	22	0.8	1.0
2008	12	27	1	0.8	1.0
2008	12	27	5	0.9	1.0
2008	12	27	6	1.0	1.0
2008	12	27	21	0.9	1.0
2008	12	27	22	0.8	1.0
2008	12	28	1	0.8	1.0
2008	12	28	5	0.9	1.0
2008	12	28	6	1.0	1.0
2008	12	28	21	0.9	1.0
2008	12	28	22	0.8	1.0
2008	12	29	1	0.8	1.0
2008	12	29	5	0.9	1.0
2008	12	29	6	1.0	1.0
2008	12	29	21	0.9	1.0
2008	12	29	22	0.8	1.0
2008	12	30	1	0.8	1.0
2008	12	30	5	0.9	1.0
2008	12	30	6	1.0	1.0
2008	12	30	21	0.9	1.0
2008	12	30	22	0.8	1.0
2008	12	31	1	0.8	1.0
2008	12	31	5	0.9	1.0
2008	12	31	6	1.0	1.0
2008	12	31	21	0.9	1.0
2008	12	31	22	0.8	1.0

Hourly Capacity Pattern 18

Yr	Prd	Start Day	Hr	Multiplier	Cap Multiplier	OH Multiplier
2008	1	1	1	1.0	0.0	1.0
2008	1	1	2	1.0	0.0	1.0
2008	1	1	3	1.0	0.0	1.0
2008	1	1	4	1.0	0.0	1.0
2008	1	1	5	1.0	0.0	1.0
2008	1	1	6	1.0	0.0	1.0
2008	1	1	7	1.0	0.0	1.0
2008	1	1	8	1.0	0.0	1.0
2008	1	1	9	1.0	0.0	1.0
2008	1	1	10	1.0	0.0	1.0
2008	1	1	11	1.0	0.0	1.0
2008	1	1	12	1.0	0.0	1.0
2008	1	1	13	1.0	0.0	1.0
2008	1	1	14	1.0	0.0	1.0
2008	1	1	15	1.0	0.0	1.0
2008	1	1	16	1.0	0.0	1.0
2008	1	1	17	1.0	0.0	1.0
2008	1	1	18	1.0	0.0	1.0
2008	1	1	19	1.0	0.0	1.0
2008	1	1	20	1.0	0.0	1.0
2008	1	1	21	1.0	0.0	1.0
2008	1	1	22	1.0	0.0	1.0
2008	1	1	23	1.0	0.0	1.0
2008	1	1	24	1.0	0.0	1.0
2008	1	2	1	1.0	0.0	1.0
2008	1	2	2	1.0	0.0	1.0
2008	1	2	3	1.0	0.0	1.0
2008	1	2	4	1.0	0.0	1.0
2008	1	2	5	1.0	0.0	1.0
2008	1	2	6	1.0	0.0	1.0
2008	1	2	7	1.0	0.0	1.0
2008	1	2	8	1.0	0.0	1.0
2008	1	2	9	1.0	0.0	1.0
2008	1	2	10	1.0	0.0	1.0
2008	1	2	11	1.0	0.0	1.0
2008	1	2	12	1.0	0.0	1.0
2008	1	2	13	1.0	0.0	1.0
2008	1	2	14	1.0	0.0	1.0
2008	1	2	15	1.0	0.0	1.0
2008	1	2	16	1.0	0.0	1.0
2008	1	2	17	1.0	0.0	1.0
2008	1	2	18	1.0	0.0	1.0
2008	1	2	19	1.0	0.0	1.0
2008	1	2	20	1.0	0.0	1.0
2008	1	2	21	1.0	0.0	1.0
2008	1	2	22	1.0	0.0	1.0
2008	1	2	23	1.0	0.0	1.0
2008	1	2	24	1.0	0.0	1.0
2008	1	3	1	1.0	0.0	1.0
2008	1	3	2	1.0	0.0	1.0
2008	1	3	3	1.0	0.0	1.0
2008	1	3	4	1.0	0.0	1.0
2008	1	3	5	1.0	0.0	1.0
2008	1	3	6	1.0	0.0	1.0
2008	1	3	7	1.0	0.0	1.0
2008	1	3	8	1.0	0.0	1.0
2008	1	3	9	1.0	0.0	1.0
2008	1	3	10	1.0	0.0	1.0
2008	1	3	11	1.0	0.0	1.0
2008	1	3	12	1.0	0.0	1.0
2008	1	3	13	1.0	0.0	1.0
2008	1	3	14	1.0	0.0	1.0
2008	1	3	15	1.0	0.0	1.0
2008	1	3	16	1.0	0.0	1.0
2008	1	3	17	1.0	0.0	1.0
2008	1	3	18	1.0	0.0	1.0
2008	1	3	19	1.0	0.0	1.0
2008	1	3	20	1.0	0.0	1.0
2008	1	3	21	1.0	0.0	1.0
2008	1	3	22	1.0	0.0	1.0
2008	1	3	23	1.0	0.0	1.0
2008	1	3	24	1.0	0.0	1.0
2008	1	4	1	1.0	0.0	1.0
2008	1	4	2	1.0	0.0	1.0
2008	1	4	3	1.0	0.0	1.0
2008	1	4	4	1.0	0.0	1.0
2008	1	4	5	1.0	0.0	1.0
2008	1	4	6	1.0	0.0	1.0
2008	1	4	7	1.0	0.0	1.0
2008	1	4	8	1.0	0.0	1.0
2008	1	4	9	1.0	0.0	1.0
2008	1	4	10	1.0	0.0	1.0
2008	1	4	11	1.0	0.0	1.0
2008	1	4	12	1.0	0.0	1.0
2008	1	4	13	1.0	0.0	1.0
2008	1	4	14	1.0	0.0	1.0
2008	1	4	15	1.0	0.0	1.0
2008	1	4	16	1.0	0.0	1.0
2008	1	4	17	1.0	0.0	1.0
2008	1	4	18	1.0	0.0	1.0
2008	1	4	19	1.0	0.0	1.0
2008	1	4	20	1.0	0.0	1.0
2008	1	4	21	1.0	0.0	1.0
2008	1	4	22	1.0	0.0	1.0
2008	1	4	23	1.0	0.0	1.0
2008	1	4	24	1.0	0.0	1.0
2008	1	5	1	1.0	0.0	1.0
2008	1	5	2	1.0	0.0	1.0
2008	1	5	3	1.0	0.0	1.0
2008	1	5	4	1.0	0.0	1.0
2008	1	5	5	1.0	0.0	1.0
2008	1	5	6	1.0	0.0	1.0
2008	1	5	7	1.0	0.0	1.0
2008	1	5	8	1.0	0.0	1.0
2008	1	5	9	1.0	0.0	1.0
2008	1	5	10	1.0	0.0	1.0
2008	1	5	11	1.0	0.0	1.0
2008	1	5	12	1.0	0.0	1.0
2008	1	5	13	1.0	0.0	1.0
2008	1	5	14	1.0	0.0	1.0
2008	1	5	15	1.0	0.0	1.0
2008	1	5	16	1.0	0.0	1.0
2008	1	5	17	1.0	0.0	1.0
2008	1	5	18	1.0	0.0	1.0
2008	1	5	19	1.0	0.0	1.0
2008	1	5	20	1.0	0.0	1.0
2008	1	5	21	1.0	0.0	1.0
2008	1	5	22	1.0	0.0	1.0
2008	1	5	23	1.0	0.0	1.0
2008	1	5	24	1.0	0.0	1.0
2008	1	6	1	1.0	0.0	1.0
2008	1	6	2	1.0	0.0	1.0
2008	1	6	3	1.0	0.0	1.0
2008	1	6	4	1.0	0.0	1.0
2008	1	6	5	1.0	0.0	1.0
2008	1	6	6	1.0	0.0	1.0
2008	1	6	7	1.0	0.0	1.0
2008	1	6	8	1.0	0.0	1.0
2008	1	6	9	1.0	0.0	1.0
2008	1	6	10	1.0	0.0	1.0
2008	1	6	11	1.0	0.0	1.0
2008	1	6	12	1.0	0.0	1.0
2008	1	6	13	1.0	0.0	1.0
2008	1	6	14	1.0	0.0	1.0
2008	1	6	15	1.0	0.0	1.0
2008	1	6	16	1.0	0.0	1.0
2008	1	6	17	1.0	0.0	1.0
2008	1	6	18	1.0	0.0	1.0
2008	1	6	19	1.0	0.0	1.0
2008	1	6	20	1.0	0.0	1.0
2008	1	6	21	1.0	0.0	1.0
2008	1	6	22	1.0	0.0	1.0
2008	1	6	23	1.0	0.0	1.0
2008	1	6	24	1.0	0.0	1.0
2008	1	7	1	1.0	0.0	1.0
2008	1	7	2	1.0	0.0	1.0
2008	1	7	3	1.0	0.0	1.0
2008	1	7	4	1.0	0.0	1.0
2008	1	7	5	1.0	0.0	1.0
2008	1	7	6	1.0	0.0	1.0
2008	1	7	7	1.0	0.0	1.0
2008	1	7	8	1.0	0.0	1.0
2008	1	7	9	1.0	0.0	1.0
2008	1	7	10	1.0	0.0	1.0
2008	1	7	11	1.0	0.0	1.0
2008	1	7	12	1.0	0.0	1.0
2008	1	7	13	1.0	0.0	1.0
2008	1	7	14	1.0	0.0	1.0
2008	1	7	15	1.0	0.0	1.0
2008	1	7	16	1.0	0.0	1.0
2008	1	7	17	1.0	0.0	1.0
2008	1	7	18	1.0	0.0	1.0
2008	1	7	19	1.0	0.0	1.0
2008	1	7	20	1.0	0.0	1.0
2008	1	7	21	1.0	0.0	1.0
2008	1	7	22	1.0	0.0	1.0
2008	1	7	23	1.0	0.0	1.0
2008	1	7	24	1.0	0.0	1.0

File: PTN18.HCP

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Hourly Capacity Pattern 18 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	3	3	1	0.0	1.0
2008	3	3	2	1.0	1.0
2008	3	3	3	0.0	1.0
2008	3	3	4	0.0	1.0
2008	4	3	1	0.0	1.0
2008	4	3	2	1.0	1.0
2008	4	3	3	0.0	1.0
2008	4	3	4	0.0	1.0
2008	4	4	1	0.0	1.0
2008	4	4	2	1.0	1.0
2008	4	4	3	0.0	1.0
2008	4	4	4	0.0	1.0
2008	5	4	1	0.0	1.0
2008	5	4	2	1.0	1.0
2008	5	4	3	0.0	1.0
2008	5	4	4	0.0	1.0
2008	6	4	1	0.0	1.0
2008	6	4	2	1.0	1.0
2008	6	4	3	0.0	1.0
2008	6	4	4	0.0	1.0
2008	7	4	1	0.0	1.0
2008	7	4	2	1.0	1.0
2008	7	4	3	0.0	1.0
2008	7	4	4	0.0	1.0
2008	8	4	1	0.0	1.0
2008	8	4	2	1.0	1.0
2008	8	4	3	0.0	1.0
2008	8	4	4	0.0	1.0
2008	9	4	1	0.0	1.0
2008	9	4	2	1.0	1.0
2008	9	4	3	0.0	1.0
2008	9	4	4	0.0	1.0
2008	10	4	1	0.0	1.0
2008	10	4	2	1.0	1.0
2008	10	4	3	0.0	1.0
2008	10	4	4	0.0	1.0
2008	11	4	1	0.0	1.0
2008	11	4	2	1.0	1.0
2008	11	4	3	0.0	1.0
2008	11	4	4	0.0	1.0
2008	12	4	1	0.0	1.0
2008	12	4	2	1.0	1.0
2008	12	4	3	0.0	1.0
2008	12	4	4	0.0	1.0
2008	13	4	1	0.0	1.0
2008	13	4	2	1.0	1.0
2008	13	4	3	0.0	1.0
2008	13	4	4	0.0	1.0
2008	14	4	1	0.0	1.0
2008	14	4	2	1.0	1.0
2008	14	4	3	0.0	1.0
2008	14	4	4	0.0	1.0
2008	15	4	1	0.0	1.0
2008	15	4	2	1.0	1.0
2008	15	4	3	0.0	1.0
2008	15	4	4	0.0	1.0
2008	16	4	1	0.0	1.0
2008	16	4	2	1.0	1.0
2008	16	4	3	0.0	1.0
2008	16	4	4	0.0	1.0
2008	17	4	1	0.0	1.0
2008	17	4	2	1.0	1.0
2008	17	4	3	0.0	1.0
2008	17	4	4	0.0	1.0
2008	18	4	1	0.0	1.0
2008	18	4	2	1.0	1.0
2008	18	4	3	0.0	1.0
2008	18	4	4	0.0	1.0
2008	19	4	1	0.0	1.0
2008	19	4	2	1.0	1.0
2008	19	4	3	0.0	1.0
2008	19	4	4	0.0	1.0
2008	20	4	1	0.0	1.0
2008	20	4	2	1.0	1.0
2008	20	4	3	0.0	1.0
2008	20	4	4	0.0	1.0
2008	21	4	1	0.0	1.0
2008	21	4	2	1.0	1.0
2008	21	4	3	0.0	1.0
2008	21	4	4	0.0	1.0
2008	22	4	1	0.0	1.0
2008	22	4	2	1.0	1.0
2008	22	4	3	0.0	1.0
2008	22	4	4	0.0	1.0
2008	23	4	1	0.0	1.0
2008	23	4	2	1.0	1.0
2008	23	4	3	0.0	1.0
2008	23	4	4	0.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	4	1	3	1.0	1.0
2008	4	1	4	0.0	1.0
2008	4	2	1	0.0	1.0
2008	4	2	2	1.0	1.0
2008	4	2	3	0.0	1.0
2008	4	2	4	0.0	1.0
2008	4	3	1	0.0	1.0
2008	4	3	2	1.0	1.0
2008	4	3	3	0.0	1.0
2008	4	3	4	0.0	1.0
2008	4	4	1	0.0	1.0
2008	4	4	2	1.0	1.0
2008	4	4	3	0.0	1.0
2008	4	4	4	0.0	1.0
2008	5	4	1	0.0	1.0
2008	5	4	2	1.0	1.0
2008	5	4	3	0.0	1.0
2008	5	4	4	0.0	1.0
2008	6	4	1	0.0	1.0
2008	6	4	2	1.0	1.0
2008	6	4	3	0.0	1.0
2008	6	4	4	0.0	1.0
2008	7	4	1	0.0	1.0
2008	7	4	2	1.0	1.0
2008	7	4	3	0.0	1.0
2008	7	4	4	0.0	1.0
2008	8	4	1	0.0	1.0
2008	8	4	2	1.0	1.0
2008	8	4	3	0.0	1.0
2008	8	4	4	0.0	1.0
2008	9	4	1	0.0	1.0
2008	9	4	2	1.0	1.0
2008	9	4	3	0.0	1.0
2008	9	4	4	0.0	1.0
2008	10	4	1	0.0	1.0
2008	10	4	2	1.0	1.0
2008	10	4	3	0.0	1.0
2008	10	4	4	0.0	1.0
2008	11	4	1	0.0	1.0
2008	11	4	2	1.0	1.0
2008	11	4	3	0.0	1.0
2008	11	4	4	0.0	1.0
2008	12	4	1	0.0	1.0
2008	12	4	2	1.0	1.0
2008	12	4	3	0.0	1.0
2008	12	4	4	0.0	1.0
2008	13	4	1	0.0	1.0
2008	13	4	2	1.0	1.0
2008	13	4	3	0.0	1.0
2008	13	4	4	0.0	1.0
2008	14	4	1	0.0	1.0
2008	14	4	2	1.0	1.0
2008	14	4	3	0.0	1.0
2008	14	4	4	0.0	1.0
2008	15	4	1	0.0	1.0
2008	15	4	2	1.0	1.0
2008	15	4	3	0.0	1.0
2008	15	4	4	0.0	1.0
2008	16	4	1	0.0	1.0
2008	16	4	2	1.0	1.0
2008	16	4	3	0.0	1.0
2008	16	4	4	0.0	1.0
2008	17	4	1	0.0	1.0
2008	17	4	2	1.0	1.0
2008	17	4	3	0.0	1.0
2008	17	4	4	0.0	1.0
2008	18	4	1	0.0	1.0
2008	18	4	2	1.0	1.0
2008	18	4	3	0.0	1.0
2008	18	4	4	0.0	1.0
2008	19	4	1	0.0	1.0
2008	19	4	2	1.0	1.0
2008	19	4	3	0.0	1.0
2008	19	4	4	0.0	1.0
2008	20	4	1	0.0	1.0
2008	20	4	2	1.0	1.0
2008	20	4	3	0.0	1.0
2008	20	4	4	0.0	1.0
2008	21	4	1	0.0	1.0
2008	21	4	2	1.0	1.0
2008	21	4	3	0.0	1.0
2008	21	4	4	0.0	1.0
2008	22	4	1	0.0	1.0
2008	22	4	2	1.0	1.0
2008	22	4	3	0.0	1.0
2008	22	4	4	0.0	1.0
2008	23	4	1	0.0	1.0
2008	23	4	2	1.0	1.0
2008	23	4	3	0.0	1.0
2008	23	4	4	0.0	1.0

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Hourly Capacity Pattern 18 (continued)

Yr	Prd	Start Day	Hr	Multiplier	Cap Multiplier	OH Multiplier
2008	5	4	1	1.0	0.0	1.0
2008	5	4	2	1.0	0.0	1.0
2008	5	4	3	1.0	0.0	1.0
2008	5	4	4	1.0	0.0	1.0
2008	5	4	5	1.0	0.0	1.0
2008	5	4	6	1.0	0.0	1.0
2008	5	4	7	1.0	0.0	1.0
2008	5	4	8	1.0	0.0	1.0
2008	5	4	9	1.0	0.0	1.0
2008	5	4	10	1.0	0.0	1.0
2008	5	4	11	1.0	0.0	1.0
2008	5	4	12	1.0	0.0	1.0
2008	5	4	13	1.0	0.0	1.0
2008	5	4	14	1.0	0.0	1.0
2008	5	4	15	1.0	0.0	1.0
2008	5	4	16	1.0	0.0	1.0
2008	5	4	17	1.0	0.0	1.0
2008	5	4	18	1.0	0.0	1.0
2008	5	4	19	1.0	0.0	1.0
2008	5	4	20	1.0	0.0	1.0
2008	5	4	21	1.0	0.0	1.0
2008	5	4	22	1.0	0.0	1.0
2008	5	4	23	1.0	0.0	1.0
2008	5	4	24	1.0	0.0	1.0
2008	5	5	1	1.0	0.0	1.0
2008	5	5	2	1.0	0.0	1.0
2008	5	5	3	1.0	0.0	1.0
2008	5	5	4	1.0	0.0	1.0
2008	5	5	5	1.0	0.0	1.0
2008	5	5	6	1.0	0.0	1.0
2008	5	5	7	1.0	0.0	1.0
2008	5	5	8	1.0	0.0	1.0
2008	5	5	9	1.0	0.0	1.0
2008	5	5	10	1.0	0.0	1.0
2008	5	5	11	1.0	0.0	1.0
2008	5	5	12	1.0	0.0	1.0
2008	5	5	13	1.0	0.0	1.0
2008	5	5	14	1.0	0.0	1.0
2008	5	5	15	1.0	0.0	1.0
2008	5	5	16	1.0	0.0	1.0
2008	5	5	17	1.0	0.0	1.0
2008	5	5	18	1.0	0.0	1.0
2008	5	5	19	1.0	0.0	1.0
2008	5	5	20	1.0	0.0	1.0
2008	5	5	21	1.0	0.0	1.0
2008	5	5	22	1.0	0.0	1.0
2008	5	5	23	1.0	0.0	1.0
2008	5	5	24	1.0	0.0	1.0
2008	5	6	1	1.0	0.0	1.0
2008	5	6	2	1.0	0.0	1.0
2008	5	6	3	1.0	0.0	1.0
2008	5	6	4	1.0	0.0	1.0
2008	5	6	5	1.0	0.0	1.0
2008	5	6	6	1.0	0.0	1.0
2008	5	6	7	1.0	0.0	1.0
2008	5	6	8	1.0	0.0	1.0
2008	5	6	9	1.0	0.0	1.0
2008	5	6	10	1.0	0.0	1.0
2008	5	6	11	1.0	0.0	1.0
2008	5	6	12	1.0	0.0	1.0
2008	5	6	13	1.0	0.0	1.0
2008	5	6	14	1.0	0.0	1.0
2008	5	6	15	1.0	0.0	1.0
2008	5	6	16	1.0	0.0	1.0
2008	5	6	17	1.0	0.0	1.0
2008	5	6	18	1.0	0.0	1.0
2008	5	6	19	1.0	0.0	1.0
2008	5	6	20	1.0	0.0	1.0
2008	5	6	21	1.0	0.0	1.0
2008	5	6	22	1.0	0.0	1.0
2008	5	6	23	1.0	0.0	1.0
2008	5	6	24	1.0	0.0	1.0
2008	5	7	1	1.0	0.0	1.0
2008	5	7	2	1.0	0.0	1.0
2008	5	7	3	1.0	0.0	1.0
2008	5	7	4	1.0	0.0	1.0

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Hourly Capacity Pattern 18 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	7	5	1	0.0	1.0
2008	7	5	5	1.0	1.0
2008	7	5	23	0.0	1.0
2008	7	6	1	0.0	1.0
2008	7	6	5	1.0	1.0
2008	7	6	23	0.0	1.0
2008	7	7	1	0.0	1.0
2008	7	7	5	1.0	1.0
2008	7	7	23	0.0	1.0
2008	7	8	1	0.0	1.0
2008	7	8	5	1.0	1.0
2008	7	8	23	0.0	1.0
2008	7	9	1	0.0	1.0
2008	7	9	5	1.0	1.0
2008	7	9	23	0.0	1.0
2008	7	10	1	0.0	1.0
2008	7	10	5	1.0	1.0
2008	7	10	23	0.0	1.0
2008	7	11	1	0.0	1.0
2008	7	11	5	1.0	1.0
2008	7	11	23	0.0	1.0
2008	7	12	1	0.0	1.0
2008	7	12	5	1.0	1.0
2008	7	12	23	0.0	1.0
2008	7	13	1	0.0	1.0
2008	7	13	5	1.0	1.0
2008	7	13	23	0.0	1.0
2008	7	14	1	0.0	1.0
2008	7	14	5	1.0	1.0
2008	7	14	23	0.0	1.0
2008	7	15	1	0.0	1.0
2008	7	15	5	1.0	1.0
2008	7	15	23	0.0	1.0
2008	7	16	1	0.0	1.0
2008	7	16	5	1.0	1.0
2008	7	16	23	0.0	1.0
2008	7	17	1	0.0	1.0
2008	7	17	5	1.0	1.0
2008	7	17	23	0.0	1.0
2008	7	18	1	0.0	1.0
2008	7	18	5	1.0	1.0
2008	7	18	23	0.0	1.0
2008	7	19	1	0.0	1.0
2008	7	19	5	1.0	1.0
2008	7	19	23	0.0	1.0
2008	7	20	1	0.0	1.0
2008	7	20	5	1.0	1.0
2008	7	20	23	0.0	1.0
2008	7	21	1	0.0	1.0
2008	7	21	5	1.0	1.0
2008	7	21	23	0.0	1.0
2008	7	22	1	0.0	1.0
2008	7	22	5	1.0	1.0
2008	7	22	23	0.0	1.0
2008	7	23	1	0.0	1.0
2008	7	23	5	1.0	1.0
2008	7	23	23	0.0	1.0
2008	7	24	1	0.0	1.0
2008	7	24	5	1.0	1.0
2008	7	24	23	0.0	1.0
2008	7	25	1	0.0	1.0
2008	7	25	5	1.0	1.0
2008	7	25	23	0.0	1.0
2008	7	26	1	0.0	1.0
2008	7	26	5	1.0	1.0
2008	7	26	23	0.0	1.0
2008	7	27	1	0.0	1.0
2008	7	27	5	1.0	1.0
2008	7	27	23	0.0	1.0
2008	7	28	1	0.0	1.0
2008	7	28	5	1.0	1.0
2008	7	28	23	0.0	1.0
2008	7	29	1	0.0	1.0
2008	7	29	5	1.0	1.0
2008	7	29	23	0.0	1.0
2008	7	30	1	0.0	1.0
2008	7	30	5	1.0	1.0
2008	7	30	23	0.0	1.0
2008	7	31	1	0.0	1.0
2008	7	31	5	1.0	1.0
2008	7	31	23	0.0	1.0
2008	8	1	1	0.0	1.0
2008	8	1	5	1.0	1.0
2008	8	1	23	0.0	1.0
2008	8	2	1	0.0	1.0
2008	8	2	5	1.0	1.0
2008	8	2	23	0.0	1.0
2008	8	3	1	0.0	1.0
2008	8	3	5	1.0	1.0
2008	8	3	23	0.0	1.0
2008	8	4	1	0.0	1.0
2008	8	4	5	1.0	1.0
2008	8	4	23	0.0	1.0
2008	8	5	1	0.0	1.0
2008	8	5	5	1.0	1.0
2008	8	5	23	0.0	1.0
2008	8	6	1	0.0	1.0
2008	8	6	5	1.0	1.0
2008	8	6	23	0.0	1.0
2008	8	7	1	0.0	1.0
2008	8	7	5	1.0	1.0
2008	8	7	23	0.0	1.0
2008	8	8	1	0.0	1.0
2008	8	8	5	1.0	1.0
2008	8	8	23	0.0	1.0
2008	8	9	1	0.0	1.0
2008	8	9	5	1.0	1.0
2008	8	9	23	0.0	1.0
2008	8	10	1	0.0	1.0
2008	8	10	5	1.0	1.0
2008	8	10	23	0.0	1.0
2008	8	11	1	0.0	1.0
2008	8	11	5	1.0	1.0
2008	8	11	23	0.0	1.0
2008	8	12	1	0.0	1.0
2008	8	12	5	1.0	1.0
2008	8	12	23	0.0	1.0
2008	8	13	1	0.0	1.0
2008	8	13	5	1.0	1.0
2008	8	13	23	0.0	1.0
2008	8	14	1	0.0	1.0
2008	8	14	5	1.0	1.0
2008	8	14	23	0.0	1.0
2008	8	15	1	0.0	1.0
2008	8	15	5	1.0	1.0
2008	8	15	23	0.0	1.0
2008	8	16	1	0.0	1.0
2008	8	16	5	1.0	1.0
2008	8	16	23	0.0	1.0
2008	8	17	1	0.0	1.0
2008	8	17	5	1.0	1.0
2008	8	17	23	0.0	1.0
2008	8	18	1	0.0	1.0
2008	8	18	5	1.0	1.0
2008	8	18	23	0.0	1.0
2008	8	19	1	0.0	1.0
2008	8	19	5	1.0	1.0
2008	8	19	23	0.0	1.0
2008	8	20	1	0.0	1.0
2008	8	20	5	1.0	1.0
2008	8	20	23	0.0	1.0
2008	8	21	1	0.0	1.0
2008	8	21	5	1.0	1.0
2008	8	21	23	0.0	1.0
2008	8	22	1	0.0	1.0
2008	8	22	5	1.0	1.0
2008	8	22	23	0.0	1.0
2008	8	23	1	0.0	1.0
2008	8	23	5	1.0	1.0
2008	8	23	23	0.0	1.0
2008	8	24	1	0.0	1.0
2008	8	24	5	1.0	1.0
2008	8	24	23	0.0	1.0
2008	8	25	1	0.0	1.0
2008	8	25	5	1.0	1.0
2008	8	25	23	0.0	1.0
2008	8	26	1	0.0	1.0
2008	8	26	5	1.0	1.0
2008	8	26	23	0.0	1.0
2008	8	27	1	0.0	1.0
2008	8	27	5	1.0	1.0
2008	8	27	23	0.0	1.0
2008	8	28	1	0.0	1.0
2008	8	28	5	1.0	1.0
2008	8	28	23	0.0	1.0
2008	8	29	1	0.0	1.0
2008	8	29	5	1.0	1.0
2008	8	29	23	0.0	1.0
2008	8	30	1	0.0	1.0
2008	8	30	5	1.0	1.0
2008	8	30	23	0.0	1.0
2008	8	31	1	0.0	1.0
2008	8	31	5	1.0	1.0
2008	8	31	23	0.0	1.0
2008	9	1	1	0.0	1.0
2008	9	1	5	1.0	1.0
2008	9	1	23	0.0	1.0
2008	9	2	1	0.0	1.0
2008	9	2	5	1.0	1.0
2008	9	2	23	0.0	1.0
2008	9	3	1	0.0	1.0
2008	9	3	5	1.0	1.0
2008	9	3	23	0.0	1.0
2008	9	4	1	0.0	1.0
2008	9	4	5	1.0	1.0
2008	9	4	23	0.0	1.0

Hourly Capacity Pattern 18 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	9	5	1	0.0	1.0
2008	9	5	5	1.0	1.0
2008	9	5	23	0.0	1.0
2008	9	6	1	0.0	1.0
2008	9	6	5	1.0	1.0
2008	9	6	23	0.0	1.0
2008	9	7	1	0.0	1.0
2008	9	7	5	1.0	1.0
2008	9	7	23	0.0	1.0
2008	9	8	1	0.0	1.0
2008	9	8	5	1.0	1.0
2008	9	8	23	0.0	1.0
2008	9	9	1	0.0	1.0
2008	9	9	5	1.0	1.0
2008	9	9	23	0.0	1.0
2008	9	10	1	0.0	1.0
2008	9	10	5	1.0	1.0
2008	9	10	23	0.0	1.0
2008	9	11	1	0.0	1.0
2008	9	11	5	1.0	1.0
2008	9	11	23	0.0	1.0
2008	9	12	1	0.0	1.0
2008	9	12	5	1.0	1.0
2008	9	12	23	0.0	1.0
2008	9	13	1	0.0	1.0
2008	9	13	5	1.0	1.0
2008	9	13	23	0.0	1.0
2008	9	14	1	0.0	1.0
2008	9	14	5	1.0	1.0
2008	9	14	23	0.0	1.0
2008	9	15	1	0.0	1.0
2008	9	15	5	1.0	1.0
2008	9	15	23	0.0	1.0
2008	9	16	1	0.0	1.0
2008	9	16	5	1.0	1.0
2008	9	16	23	0.0	1.0
2008	9	17	1	0.0	1.0
2008	9	17	5	1.0	1.0
2008	9	17	23	0.0	1.0
2008	9	18	1	0.0	1.0
2008	9	18	5	1.0	1.0
2008	9	18	23	0.0	1.0
2008	9	19	1	0.0	1.0
2008	9	19	5	1.0	1.0
2008	9	19	23	0.0	1.0
2008	9	20	1	0.0	1.0
2008	9	20	5	1.0	1.0
2008	9	20	23	0.0	1.0
2008	9	21	1	0.0	1.0
2008	9	21	5	1.0	1.0
2008	9	21	23	0.0	1.0
2008	9	22	1	0.0	1.0
2008	9	22	5	1.0	1.0
2008	9	22	23	0.0	1.0
2008	9	23	1	0.0	1.0
2008	9	23	5	1.0	1.0
2008	9	23	23	0.0	1.0
2008	9	24	1	0.0	1.0
2008	9	24	5	1.0	1.0
2008	9	24	23	0.0	1.0
2008	9	25	1	0.0	1.0
2008	9	25	5	1.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	9	25	23	0.0	1.0
2008	9	26	1	0.0	1.0
2008	9	26	5	1.0	1.0
2008	9	26	23	0.0	1.0
2008	9	27	1	0.0	1.0
2008	9	27	5	1.0	1.0
2008	9	27	23	0.0	1.0
2008	9	28	1	0.0	1.0
2008	9	28	5	1.0	1.0
2008	9	28	23	0.0	1.0
2008	9	29	1	0.0	1.0
2008	9	29	5	1.0	1.0
2008	9	29	23	0.0	1.0
2008	9	30	1	0.0	1.0
2008	9	30	5	1.0	1.0
2008	9	30	23	0.0	1.0
2008	10	1	1	0.0	1.0
2008	10	1	5	1.0	1.0
2008	10	1	23	0.0	1.0
2008	10	2	1	0.0	1.0
2008	10	2	5	1.0	1.0
2008	10	2	23	0.0	1.0
2008	10	3	1	0.0	1.0
2008	10	3	5	1.0	1.0
2008	10	3	23	0.0	1.0
2008	10	4	1	0.0	1.0
2008	10	4	5	1.0	1.0
2008	10	4	23	0.0	1.0
2008	10	5	1	0.0	1.0
2008	10	5	5	1.0	1.0
2008	10	5	23	0.0	1.0
2008	10	6	1	0.0	1.0
2008	10	6	5	1.0	1.0
2008	10	6	23	0.0	1.0
2008	10	7	1	0.0	1.0
2008	10	7	5	1.0	1.0
2008	10	7	23	0.0	1.0
2008	10	8	1	0.0	1.0
2008	10	8	5	1.0	1.0
2008	10	8	23	0.0	1.0
2008	10	9	1	0.0	1.0
2008	10	9	5	1.0	1.0
2008	10	9	23	0.0	1.0
2008	10	10	1	0.0	1.0
2008	10	10	5	1.0	1.0
2008	10	10	23	0.0	1.0
2008	10	11	1	0.0	1.0
2008	10	11	5	1.0	1.0
2008	10	11	23	0.0	1.0
2008	10	12	1	0.0	1.0
2008	10	12	5	1.0	1.0
2008	10	12	23	0.0	1.0
2008	10	13	1	0.0	1.0
2008	10	13	5	1.0	1.0
2008	10	13	23	0.0	1.0
2008	10	14	1	0.0	1.0
2008	10	14	5	1.0	1.0
2008	10	14	23	0.0	1.0
2008	10	15	1	0.0	1.0
2008	10	15	5	1.0	1.0
2008	10	15	23	0.0	1.0
2008	10	16	1	0.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	10	16	5	1.0	1.0
2008	10	16	23	0.0	1.0
2008	10	17	1	0.0	1.0
2008	10	17	5	1.0	1.0
2008	10	17	23	0.0	1.0
2008	10	18	1	0.0	1.0
2008	10	18	5	1.0	1.0
2008	10	18	23	0.0	1.0
2008	10	19	1	0.0	1.0
2008	10	19	5	1.0	1.0
2008	10	19	23	0.0	1.0
2008	10	20	1	0.0	1.0
2008	10	20	5	1.0	1.0
2008	10	20	23	0.0	1.0
2008	10	21	1	0.0	1.0
2008	10	21	5	1.0	1.0
2008	10	21	23	0.0	1.0
2008	10	22	1	0.0	1.0
2008	10	22	5	1.0	1.0
2008	10	22	23	0.0	1.0
2008	10	23	1	0.0	1.0
2008	10	23	5	1.0	1.0
2008	10	23	23	0.0	1.0
2008	10	24	1	0.0	1.0
2008	10	24	5	1.0	1.0
2008	10	24	23	0.0	1.0
2008	10	25	1	0.0	1.0
2008	10	25	5	1.0	1.0
2008	10	25	23	0.0	1.0
2008	10	26	1	0.0	1.0
2008	10	26	5	1.0	1.0
2008	10	26	23	0.0	1.0
2008	10	27	1	0.0	1.0
2008	10	27	5	1.0	1.0
2008	10	27	23	0.0	1.0
2008	10	28	1	0.0	1.0
2008	10	28	5	1.0	1.0
2008	10	28	23	0.0	1.0
2008	10	29	1	0.0	1.0
2008	10	29	5	1.0	1.0
2008	10	29	23	0.0	1.0
2008	10	30	1	0.0	1.0
2008	10	30	5	1.0	1.0
2008	10	30	23	0.0	1.0
2008	10	31	1	0.0	1.0
2008	10	31	5	1.0	1.0
2008	10	31	23	0.0	1.0
2008	11	1	1	0.0	1.0
2008	11	1	5	1.0	1.0
2008	11	1	23	0.0	1.0
2008	11	2	1	0.0	1.0
2008	11	2	5	1.0	1.0
2008	11	2	23	0.0	1.0
2008	11	3	1	0.0	1.0
2008	11	3	5	1.0	1.0
2008	11	3	23	0.0	1.0
2008	11	4	1	0.0	1.0
2008	11	4	5	1.0	1.0
2008	11	4	23	0.0	1.0
2008	11	5	1	0.0	1.0
2008	11	5	5	1.0	1.0
2008	11	5	23	0.0	1.0

Hourly Capacity Pattern 18 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	11	6	1	0.0	1.0
2008	11	6	5	1.0	1.0
2008	11	6	24	0.0	1.0
2008	11	7	1	0.0	1.0
2008	11	7	5	1.0	1.0
2008	11	7	24	0.0	1.0
2008	11	8	1	0.0	1.0
2008	11	8	5	1.0	1.0
2008	11	8	24	0.0	1.0
2008	11	9	1	0.0	1.0
2008	11	9	5	1.0	1.0
2008	11	9	24	0.0	1.0
2008	11	10	1	0.0	1.0
2008	11	10	5	1.0	1.0
2008	11	10	24	0.0	1.0
2008	11	11	1	0.0	1.0
2008	11	11	5	1.0	1.0
2008	11	11	24	0.0	1.0
2008	11	12	1	0.0	1.0
2008	11	12	5	1.0	1.0
2008	11	12	24	0.0	1.0
2008	11	13	1	0.0	1.0
2008	11	13	5	1.0	1.0
2008	11	13	24	0.0	1.0
2008	11	14	1	0.0	1.0
2008	11	14	5	1.0	1.0
2008	11	14	24	0.0	1.0
2008	11	15	1	0.0	1.0
2008	11	15	5	1.0	1.0
2008	11	15	24	0.0	1.0
2008	11	16	1	0.0	1.0
2008	11	16	5	1.0	1.0
2008	11	16	24	0.0	1.0
2008	11	17	1	0.0	1.0
2008	11	17	5	1.0	1.0
2008	11	17	24	0.0	1.0
2008	11	18	1	0.0	1.0
2008	11	18	5	1.0	1.0
2008	11	18	24	0.0	1.0
2008	11	19	1	0.0	1.0
2008	11	19	5	1.0	1.0
2008	11	19	24	0.0	1.0
2008	11	20	1	0.0	1.0
2008	11	20	5	1.0	1.0
2008	11	20	24	0.0	1.0
2008	11	21	1	0.0	1.0
2008	11	21	5	1.0	1.0
2008	11	21	24	0.0	1.0
2008	11	22	1	0.0	1.0
2008	11	22	5	1.0	1.0
2008	11	22	24	0.0	1.0
2008	11	23	1	0.0	1.0
2008	11	23	5	1.0	1.0
2008	11	23	24	0.0	1.0
2008	11	24	1	0.0	1.0
2008	11	24	5	1.0	1.0
2008	11	24	24	0.0	1.0
2008	11	25	1	0.0	1.0
2008	11	25	5	1.0	1.0
2008	11	25	24	0.0	1.0
2008	11	26	1	0.0	1.0
2008	11	26	5	1.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	11	26	23	0.0	1.0
2008	11	27	1	0.0	1.0
2008	11	27	5	1.0	1.0
2008	11	27	23	0.0	1.0
2008	11	28	1	0.0	1.0
2008	11	28	5	1.0	1.0
2008	11	28	23	0.0	1.0
2008	11	29	1	0.0	1.0
2008	11	29	5	1.0	1.0
2008	11	29	23	0.0	1.0
2008	11	30	1	0.0	1.0
2008	11	30	5	1.0	1.0
2008	11	30	23	0.0	1.0
2008	12	1	1	0.0	1.0
2008	12	1	5	1.0	1.0
2008	12	1	24	0.0	1.0
2008	12	2	1	0.0	1.0
2008	12	2	5	1.0	1.0
2008	12	2	23	0.0	1.0
2008	12	3	1	0.0	1.0
2008	12	3	5	1.0	1.0
2008	12	3	23	0.0	1.0
2008	12	4	1	0.0	1.0
2008	12	4	5	1.0	1.0
2008	12	4	24	0.0	1.0
2008	12	5	1	0.0	1.0
2008	12	5	5	1.0	1.0
2008	12	5	23	0.0	1.0
2008	12	6	1	0.0	1.0
2008	12	6	5	1.0	1.0
2008	12	6	24	0.0	1.0
2008	12	7	1	0.0	1.0
2008	12	7	5	1.0	1.0
2008	12	7	24	0.0	1.0
2008	12	8	1	0.0	1.0
2008	12	8	5	1.0	1.0
2008	12	8	23	0.0	1.0
2008	12	9	1	0.0	1.0
2008	12	9	5	1.0	1.0
2008	12	9	23	0.0	1.0
2008	12	10	1	0.0	1.0
2008	12	10	5	1.0	1.0
2008	12	10	23	0.0	1.0
2008	12	11	1	0.0	1.0
2008	12	11	5	1.0	1.0
2008	12	11	23	0.0	1.0
2008	12	12	1	0.0	1.0
2008	12	12	5	1.0	1.0
2008	12	12	23	0.0	1.0
2008	12	13	1	0.0	1.0
2008	12	13	5	1.0	1.0
2008	12	13	23	0.0	1.0
2008	12	14	1	0.0	1.0
2008	12	14	5	1.0	1.0
2008	12	14	23	0.0	1.0
2008	12	15	1	0.0	1.0
2008	12	15	5	1.0	1.0
2008	12	15	24	0.0	1.0
2008	12	16	1	0.0	1.0
2008	12	16	5	1.0	1.0
2008	12	16	23	0.0	1.0
2008	12	17	1	0.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	12	1	5	1.0	1.0
2008	12	17	23	0.0	1.0
2008	12	18	1	0.0	1.0
2008	12	18	5	1.0	1.0
2008	12	18	23	0.0	1.0
2008	12	19	1	0.0	1.0
2008	12	19	5	1.0	1.0
2008	12	19	23	0.0	1.0
2008	12	20	1	0.0	1.0
2008	12	20	5	1.0	1.0
2008	12	20	23	0.0	1.0
2008	12	21	1	0.0	1.0
2008	12	21	5	1.0	1.0
2008	12	21	23	0.0	1.0
2008	12	22	1	0.0	1.0
2008	12	22	5	1.0	1.0
2008	12	22	23	0.0	1.0
2008	12	23	1	0.0	1.0
2008	12	23	5	1.0	1.0
2008	12	23	24	0.0	1.0
2008	12	24	1	0.0	1.0
2008	12	24	5	1.0	1.0
2008	12	24	23	0.0	1.0
2008	12	25	1	0.0	1.0
2008	12	25	5	1.0	1.0
2008	12	25	23	0.0	1.0
2008	12	26	1	0.0	1.0
2008	12	26	5	1.0	1.0
2008	12	26	23	0.0	1.0
2008	12	27	1	0.0	1.0
2008	12	27	5	1.0	1.0
2008	12	27	23	0.0	1.0
2008	12	28	1	0.0	1.0
2008	12	28	5	1.0	1.0
2008	12	28	23	0.0	1.0
2008	12	29	1	0.0	1.0
2008	12	29	5	1.0	1.0
2008	12	29	23	0.0	1.0
2008	12	30	1	0.0	1.0
2008	12	30	5	1.0	1.0
2008	12	30	23	0.0	1.0
2008	12	31	1	0.0	1.0
2008	12	31	5	1.0	1.0
2008	12	31	23	0.0	1.0

Hourly Capacity Pattern 19

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	1	1	1	0.0	1.0
2008	1	1	6	1.0	1.0
2008	1	1	22	1.0	1.0
2008	1	2	1	0.0	1.0
2008	1	2	6	1.0	1.0
2008	1	2	22	0.0	1.0
2008	1	3	1	0.0	1.0
2008	1	3	6	1.0	1.0
2008	1	3	22	0.0	1.0
2008	1	4	1	0.0	1.0
2008	1	4	6	1.0	1.0
2008	1	4	22	0.0	1.0
2008	1	5	1	0.0	1.0
2008	1	5	6	1.0	1.0
2008	1	5	22	0.0	1.0
2008	1	6	1	0.0	1.0
2008	1	6	6	1.0	1.0
2008	1	6	22	0.0	1.0
2008	1	7	1	0.0	1.0
2008	1	7	6	1.0	1.0
2008	1	7	22	0.0	1.0
2008	1	8	1	0.0	1.0
2008	1	8	6	1.0	1.0
2008	1	8	22	0.0	1.0
2008	1	9	1	0.0	1.0
2008	1	9	6	1.0	1.0
2008	1	9	22	0.0	1.0
2008	1	10	1	0.0	1.0
2008	1	10	6	1.0	1.0
2008	1	10	22	0.0	1.0
2008	1	11	1	0.0	1.0
2008	1	11	6	1.0	1.0
2008	1	11	22	0.0	1.0
2008	1	12	1	0.0	1.0
2008	1	12	6	1.0	1.0
2008	1	12	22	0.0	1.0
2008	1	13	1	0.0	1.0
2008	1	13	6	1.0	1.0
2008	1	13	22	0.0	1.0
2008	1	14	1	0.0	1.0
2008	1	14	6	1.0	1.0
2008	1	14	22	0.0	1.0
2008	1	15	1	0.0	1.0
2008	1	15	6	1.0	1.0
2008	1	15	22	0.0	1.0
2008	1	16	1	0.0	1.0
2008	1	16	6	1.0	1.0
2008	1	16	22	0.0	1.0
2008	1	17	1	0.0	1.0
2008	1	17	6	1.0	1.0
2008	1	17	22	0.0	1.0
2008	1	18	1	0.0	1.0
2008	1	18	6	1.0	1.0
2008	1	18	22	0.0	1.0
2008	1	19	1	0.0	1.0
2008	1	19	6	1.0	1.0
2008	1	19	22	0.0	1.0
2008	1	20	1	0.0	1.0
2008	1	20	6	1.0	1.0
2008	1	20	22	0.0	1.0
2008	1	21	1	0.0	1.0
2008	1	21	6	1.0	1.0
2008	1	21	22	0.0	1.0
2008	1	22	1	0.0	1.0
2008	1	22	6	1.0	1.0
2008	1	22	22	0.0	1.0
2008	1	23	1	0.0	1.0
2008	1	23	6	1.0	1.0
2008	1	23	22	0.0	1.0
2008	1	24	1	0.0	1.0
2008	1	24	6	1.0	1.0
2008	1	24	22	0.0	1.0
2008	1	25	1	0.0	1.0
2008	1	25	6	1.0	1.0
2008	1	25	22	0.0	1.0
2008	1	26	1	0.0	1.0
2008	1	26	6	1.0	1.0
2008	1	26	22	0.0	1.0
2008	1	27	1	0.0	1.0
2008	1	27	6	1.0	1.0
2008	1	27	22	0.0	1.0
2008	1	28	1	0.0	1.0
2008	1	28	6	1.0	1.0
2008	1	28	22	0.0	1.0
2008	1	29	1	0.0	1.0
2008	1	29	6	1.0	1.0
2008	1	29	22	0.0	1.0
2008	1	30	1	0.0	1.0
2008	1	30	6	1.0	1.0
2008	1	30	22	0.0	1.0
2008	1	31	1	0.0	1.0
2008	1	31	6	1.0	1.0
2008	1	31	22	0.0	1.0
2008	2	1	1	0.0	1.0
2008	2	1	6	1.0	1.0
2008	2	1	22	0.0	1.0
2008	2	2	1	0.0	1.0
2008	2	2	6	1.0	1.0
2008	2	2	22	0.0	1.0
2008	2	3	1	0.0	1.0
2008	2	3	6	1.0	1.0
2008	2	3	22	0.0	1.0
2008	2	4	1	0.0	1.0
2008	2	4	6	1.0	1.0
2008	2	4	22	0.0	1.0
2008	2	5	1	0.0	1.0
2008	2	5	6	1.0	1.0
2008	2	5	22	0.0	1.0
2008	2	6	1	0.0	1.0
2008	2	6	6	1.0	1.0
2008	2	6	22	0.0	1.0
2008	2	7	1	0.0	1.0
2008	2	7	6	1.0	1.0
2008	2	7	22	0.0	1.0
2008	2	8	1	0.0	1.0
2008	2	8	6	1.0	1.0
2008	2	8	22	0.0	1.0
2008	2	9	1	0.0	1.0
2008	2	9	6	1.0	1.0
2008	2	9	22	0.0	1.0
2008	2	10	1	0.0	1.0
2008	2	10	6	1.0	1.0
2008	2	10	22	0.0	1.0
2008	2	11	1	0.0	1.0
2008	2	11	6	1.0	1.0
2008	2	11	22	0.0	1.0
2008	2	12	1	0.0	1.0
2008	2	12	6	1.0	1.0
2008	2	12	22	0.0	1.0
2008	2	13	1	0.0	1.0
2008	2	13	6	1.0	1.0
2008	2	13	22	0.0	1.0
2008	2	14	1	0.0	1.0
2008	2	14	6	1.0	1.0
2008	2	14	22	0.0	1.0
2008	2	15	1	0.0	1.0
2008	2	15	6	1.0	1.0
2008	2	15	22	0.0	1.0
2008	2	16	1	0.0	1.0
2008	2	16	6	1.0	1.0
2008	2	16	22	0.0	1.0
2008	2	17	1	0.0	1.0
2008	2	17	6	1.0	1.0
2008	2	17	22	0.0	1.0
2008	2	18	1	0.0	1.0
2008	2	18	6	1.0	1.0
2008	2	18	22	0.0	1.0
2008	2	19	1	0.0	1.0
2008	2	19	6	1.0	1.0
2008	2	19	22	0.0	1.0
2008	3	1	1	0.0	1.0
2008	3	1	6	1.0	1.0
2008	3	1	22	0.0	1.0
2008	3	2	1	0.0	1.0
2008	3	2	6	1.0	1.0
2008	3	2	22	0.0	1.0

Hourly Capacity Pattern 19 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	3	3	1	0.0	1.0
2008	3	3	6	1.0	1.0
2008	3	3	22	0.0	1.0
2008	3	4	1	0.0	1.0
2008	3	4	6	1.0	1.0
2008	3	4	22	0.0	1.0
2008	3	5	1	0.0	1.0
2008	3	5	6	1.0	1.0
2008	3	5	22	0.0	1.0
2008	3	6	1	0.0	1.0
2008	3	6	6	1.0	1.0
2008	3	6	22	0.0	1.0
2008	3	7	1	0.0	1.0
2008	3	7	6	1.0	1.0
2008	3	7	22	0.0	1.0
2008	3	8	1	0.0	1.0
2008	3	8	6	1.0	1.0
2008	3	8	22	0.0	1.0
2008	3	9	1	0.0	1.0
2008	3	9	6	1.0	1.0
2008	3	9	22	0.0	1.0
2008	3	10	1	0.0	1.0
2008	3	10	6	1.0	1.0
2008	3	10	22	0.0	1.0
2008	3	11	1	0.0	1.0
2008	3	11	6	1.0	1.0
2008	3	11	22	0.0	1.0
2008	3	12	1	0.0	1.0
2008	3	12	6	1.0	1.0
2008	3	12	22	0.0	1.0
2008	3	13	1	0.0	1.0
2008	3	13	6	1.0	1.0
2008	3	13	22	0.0	1.0
2008	3	14	1	0.0	1.0
2008	3	14	6	1.0	1.0
2008	3	14	22	0.0	1.0
2008	3	15	1	0.0	1.0
2008	3	15	6	1.0	1.0
2008	3	15	22	0.0	1.0
2008	3	16	1	0.0	1.0
2008	3	16	6	1.0	1.0
2008	3	16	22	0.0	1.0
2008	3	17	1	0.0	1.0
2008	3	17	6	1.0	1.0
2008	3	17	22	0.0	1.0
2008	3	18	1	0.0	1.0
2008	3	18	6	1.0	1.0
2008	3	18	22	0.0	1.0
2008	3	19	1	0.0	1.0
2008	3	19	6	1.0	1.0
2008	3	19	22	0.0	1.0
2008	3	20	1	0.0	1.0
2008	3	20	6	1.0	1.0
2008	3	20	22	0.0	1.0
2008	3	21	1	0.0	1.0
2008	3	21	6	1.0	1.0
2008	3	21	22	0.0	1.0
2008	3	22	1	0.0	1.0
2008	3	22	6	1.0	1.0
2008	3	22	22	0.0	1.0
2008	3	23	1	0.0	1.0
2008	3	23	6	1.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	3	23	22	0.0	1.0
2008	3	24	1	0.0	1.0
2008	3	24	6	1.0	1.0
2008	3	24	22	0.0	1.0
2008	3	25	1	0.0	1.0
2008	3	25	6	1.0	1.0
2008	3	25	22	0.0	1.0
2008	3	26	1	0.0	1.0
2008	3	26	6	1.0	1.0
2008	3	26	22	0.0	1.0
2008	3	27	1	0.0	1.0
2008	3	27	6	1.0	1.0
2008	3	27	22	0.0	1.0
2008	3	28	1	0.0	1.0
2008	3	28	6	1.0	1.0
2008	3	28	22	0.0	1.0
2008	3	29	1	0.0	1.0
2008	3	29	6	1.0	1.0
2008	3	29	22	0.0	1.0
2008	3	30	1	0.0	1.0
2008	3	30	6	1.0	1.0
2008	3	30	22	0.0	1.0
2008	3	31	1	0.0	1.0
2008	3	31	6	1.0	1.0
2008	3	31	22	0.0	1.0
2008	4	1	1	0.0	1.0
2008	4	1	6	1.0	1.0
2008	4	1	22	0.0	1.0
2008	4	2	1	0.0	1.0
2008	4	2	6	1.0	1.0
2008	4	2	22	0.0	1.0
2008	4	3	1	0.0	1.0
2008	4	3	6	1.0	1.0
2008	4	3	22	0.0	1.0
2008	4	4	1	0.0	1.0
2008	4	4	6	1.0	1.0
2008	4	4	22	0.0	1.0
2008	4	5	1	0.0	1.0
2008	4	5	6	1.0	1.0
2008	4	5	22	0.0	1.0
2008	4	6	1	0.0	1.0
2008	4	6	6	1.0	1.0
2008	4	6	22	0.0	1.0
2008	4	7	1	0.0	1.0
2008	4	7	6	1.0	1.0
2008	4	7	22	0.0	1.0
2008	4	8	1	0.0	1.0
2008	4	8	6	1.0	1.0
2008	4	8	22	0.0	1.0
2008	4	9	1	0.0	1.0
2008	4	9	6	1.0	1.0
2008	4	9	22	0.0	1.0
2008	4	10	1	0.0	1.0
2008	4	10	6	1.0	1.0
2008	4	10	22	0.0	1.0
2008	4	11	1	0.0	1.0
2008	4	11	6	1.0	1.0
2008	4	11	22	0.0	1.0
2008	4	12	1	0.0	1.0
2008	4	12	6	1.0	1.0
2008	4	12	22	0.0	1.0
2008	4	13	1	0.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	4	13	6	1.0	1.0
2008	4	13	22	0.0	1.0
2008	4	14	1	0.0	1.0
2008	4	14	6	1.0	1.0
2008	4	14	22	0.0	1.0
2008	4	15	1	0.0	1.0
2008	4	15	6	1.0	1.0
2008	4	15	22	0.0	1.0
2008	4	16	1	0.0	1.0
2008	4	16	6	1.0	1.0
2008	4	16	22	0.0	1.0
2008	4	17	1	0.0	1.0
2008	4	17	6	1.0	1.0
2008	4	17	22	0.0	1.0
2008	4	18	1	0.0	1.0
2008	4	18	6	1.0	1.0
2008	4	18	22	0.0	1.0
2008	4	19	1	0.0	1.0
2008	4	19	6	1.0	1.0
2008	4	19	22	0.0	1.0
2008	4	20	1	0.0	1.0
2008	4	20	6	1.0	1.0
2008	4	20	22	0.0	1.0
2008	4	21	1	0.0	1.0
2008	4	21	6	1.0	1.0
2008	4	21	22	0.0	1.0
2008	4	22	1	0.0	1.0
2008	4	22	6	1.0	1.0
2008	4	22	22	0.0	1.0
2008	4	23	1	0.0	1.0
2008	4	23	6	1.0	1.0
2008	4	23	22	0.0	1.0
2008	4	24	1	0.0	1.0
2008	4	24	6	1.0	1.0
2008	4	24	22	0.0	1.0
2008	4	25	1	0.0	1.0
2008	4	25	6	1.0	1.0
2008	4	25	22	0.0	1.0
2008	4	26	1	0.0	1.0
2008	4	26	6	1.0	1.0
2008	4	26	22	0.0	1.0
2008	4	27	1	0.0	1.0
2008	4	27	6	1.0	1.0
2008	4	27	22	0.0	1.0
2008	4	28	1	0.0	1.0
2008	4	28	6	1.0	1.0
2008	4	28	22	0.0	1.0
2008	4	29	1	0.0	1.0
2008	4	29	6	1.0	1.0
2008	4	29	22	0.0	1.0
2008	4	30	1	0.0	1.0
2008	4	30	6	1.0	1.0
2008	4	30	22	0.0	1.0
2008	5	1	1	0.0	1.0
2008	5	1	6	1.0	1.0
2008	5	1	22	0.0	1.0
2008	5	2	1	0.0	1.0
2008	5	2	6	1.0	1.0
2008	5	2	22	0.0	1.0
2008	5	3	1	0.0	1.0
2008	5	3	6	1.0	1.0

Hourly Capacity Pattern 19 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	5	1	22	0.0	1.0
2008	5	4	1	0.0	1.0
2008	5	4	2	0.0	1.0
2008	5	4	3	0.0	1.0
2008	5	4	4	0.0	1.0
2008	5	4	5	0.0	1.0
2008	5	4	6	1.0	1.0
2008	5	5	22	0.0	1.0
2008	5	6	1	0.0	1.0
2008	5	6	6	1.0	1.0
2008	5	6	22	0.0	1.0
2008	5	7	1	0.0	1.0
2008	5	7	6	1.0	1.0
2008	5	7	22	0.0	1.0
2008	5	8	1	0.0	1.0
2008	5	8	6	1.0	1.0
2008	5	8	22	0.0	1.0
2008	5	9	1	0.0	1.0
2008	5	9	6	1.0	1.0
2008	5	9	22	0.0	1.0
2008	5	10	1	0.0	1.0
2008	5	10	6	1.0	1.0
2008	5	10	22	0.0	1.0
2008	5	11	1	0.0	1.0
2008	5	11	6	1.0	1.0
2008	5	11	22	0.0	1.0
2008	5	12	1	0.0	1.0
2008	5	12	6	1.0	1.0
2008	5	12	22	0.0	1.0
2008	5	13	1	0.0	1.0
2008	5	13	6	1.0	1.0
2008	5	13	22	0.0	1.0
2008	5	14	1	0.0	1.0
2008	5	14	6	1.0	1.0
2008	5	14	22	0.0	1.0
2008	5	15	1	0.0	1.0
2008	5	15	6	1.0	1.0
2008	5	15	22	0.0	1.0
2008	5	16	1	0.0	1.0
2008	5	16	6	1.0	1.0
2008	5	16	22	0.0	1.0
2008	5	17	1	0.0	1.0
2008	5	17	6	1.0	1.0
2008	5	17	22	0.0	1.0
2008	5	18	1	0.0	1.0
2008	5	18	6	1.0	1.0
2008	5	18	22	0.0	1.0
2008	5	19	1	0.0	1.0
2008	5	19	6	1.0	1.0
2008	5	19	22	0.0	1.0
2008	5	20	1	0.0	1.0
2008	5	20	6	1.0	1.0
2008	5	20	22	0.0	1.0
2008	5	21	1	0.0	1.0
2008	5	21	6	1.0	1.0
2008	5	21	22	0.0	1.0
2008	5	22	1	0.0	1.0
2008	5	22	6	1.0	1.0
2008	5	22	22	0.0	1.0
2008	5	23	1	0.0	1.0
2008	5	23	6	1.0	1.0
2008	5	23	22	0.0	1.0
2008	5	24	1	0.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	5	24	6	1.0	1.0
2008	5	24	22	0.0	1.0
2008	5	25	1	0.0	1.0
2008	5	25	6	1.0	1.0
2008	5	25	22	0.0	1.0
2008	5	26	1	0.0	1.0
2008	5	26	6	1.0	1.0
2008	5	26	22	0.0	1.0
2008	5	27	1	0.0	1.0
2008	5	27	6	1.0	1.0
2008	5	27	22	0.0	1.0
2008	5	28	1	0.0	1.0
2008	5	28	6	1.0	1.0
2008	5	28	22	0.0	1.0
2008	5	29	1	0.0	1.0
2008	5	29	6	1.0	1.0
2008	5	29	22	0.0	1.0
2008	5	30	1	0.0	1.0
2008	5	30	6	1.0	1.0
2008	5	30	22	0.0	1.0
2008	5	31	1	0.0	1.0
2008	5	31	6	1.0	1.0
2008	5	31	22	0.0	1.0
2008	6	1	1	0.0	1.0
2008	6	1	6	1.0	1.0
2008	6	1	22	0.0	1.0
2008	6	2	1	0.0	1.0
2008	6	2	6	1.0	1.0
2008	6	2	22	0.0	1.0
2008	6	3	1	0.0	1.0
2008	6	3	6	1.0	1.0
2008	6	3	22	0.0	1.0
2008	6	4	1	0.0	1.0
2008	6	4	6	1.0	1.0
2008	6	4	22	0.0	1.0
2008	6	5	1	0.0	1.0
2008	6	5	6	1.0	1.0
2008	6	5	22	0.0	1.0
2008	6	6	1	0.0	1.0
2008	6	6	6	1.0	1.0
2008	6	6	22	0.0	1.0
2008	6	7	1	0.0	1.0
2008	6	7	6	1.0	1.0
2008	6	7	22	0.0	1.0
2008	6	8	1	0.0	1.0
2008	6	8	6	1.0	1.0
2008	6	8	22	0.0	1.0
2008	6	9	1	0.0	1.0
2008	6	9	6	1.0	1.0
2008	6	9	22	0.0	1.0
2008	6	10	1	0.0	1.0
2008	6	10	6	1.0	1.0
2008	6	10	22	0.0	1.0
2008	6	11	1	0.0	1.0
2008	6	11	6	1.0	1.0
2008	6	11	22	0.0	1.0
2008	6	12	1	0.0	1.0
2008	6	12	6	1.0	1.0
2008	6	12	22	0.0	1.0
2008	6	13	1	0.0	1.0
2008	6	13	6	1.0	1.0
2008	6	13	22	0.0	1.0
2008	6	14	1	0.0	1.0
2008	6	14	6	1.0	1.0
2008	6	14	22	0.0	1.0
2008	6	15	1	0.0	1.0
2008	6	15	6	1.0	1.0
2008	6	15	22	0.0	1.0
2008	6	16	1	0.0	1.0
2008	6	16	6	1.0	1.0
2008	6	16	22	0.0	1.0
2008	6	17	1	0.0	1.0
2008	6	17	6	1.0	1.0
2008	6	17	22	0.0	1.0
2008	6	18	1	0.0	1.0
2008	6	18	6	1.0	1.0
2008	6	18	22	0.0	1.0
2008	6	19	1	0.0	1.0
2008	6	19	6	1.0	1.0
2008	6	19	22	0.0	1.0
2008	6	20	1	0.0	1.0
2008	6	20	6	1.0	1.0
2008	6	20	22	0.0	1.0
2008	6	21	1	0.0	1.0
2008	6	21	6	1.0	1.0
2008	6	21	22	0.0	1.0
2008	6	22	1	0.0	1.0
2008	6	22	6	1.0	1.0
2008	6	22	22	0.0	1.0
2008	6	23	1	0.0	1.0
2008	6	23	6	1.0	1.0
2008	6	23	22	0.0	1.0
2008	6	24	1	0.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	6	24	6	1.0	1.0
2008	6	24	22	0.0	1.0
2008	6	25	1	0.0	1.0
2008	6	25	6	1.0	1.0
2008	6	25	22	0.0	1.0
2008	6	26	1	0.0	1.0
2008	6	26	6	1.0	1.0
2008	6	26	22	0.0	1.0
2008	6	27	1	0.0	1.0
2008	6	27	6	1.0	1.0
2008	6	27	22	0.0	1.0
2008	6	28	1	0.0	1.0
2008	6	28	6	1.0	1.0
2008	6	28	22	0.0	1.0
2008	6	29	1	0.0	1.0
2008	6	29	6	1.0	1.0
2008	6	29	22	0.0	1.0
2008	6	30	1	0.0	1.0
2008	6	30	6	1.0	1.0
2008	6	30	22	0.0	1.0
2008	7	1	1	0.0	1.0
2008	7	1	6	1.0	1.0
2008	7	1	22	0.0	1.0
2008	7	2	1	0.0	1.0
2008	7	2	6	1.0	1.0
2008	7	2	22	0.0	1.0
2008	7	3	1	0.0	1.0
2008	7	3	6	1.0	1.0
2008	7	3	22	0.0	1.0
2008	7	4	1	0.0	1.0
2008	7	4	6	1.0	1.0
2008	7	4	22	0.0	1.0
2008	7	5	1	0.0	1.0
2008	7	5	6	1.0	1.0
2008	7	5	22	0.0	1.0
2008	7	6	1	0.0	1.0
2008	7	6	6	1.0	1.0
2008	7	6	22	0.0	1.0
2008	7	7	1	0.0	1.0
2008	7	7	6	1.0	1.0
2008	7	7	22	0.0	1.0
2008	7	8	1	0.0	1.0
2008	7	8	6	1.0	1.0
2008	7	8	22	0.0	1.0
2008	7	9	1	0.0	1.0
2008	7	9	6	1.0	1.0
2008	7	9	22	0.0	1.0
2008	7	10	1	0.0	1.0
2008	7	10	6	1.0	1.0
2008	7	10	22	0.0	1.0
2008	7	11	1	0.0	1.0
2008	7	11	6	1.0	1.0
2008	7	11	22	0.0	1.0
2008	7	12	1	0.0	1.0
2008	7	12	6	1.0	1.0
2008	7	12	22	0.0	1.0
2008	7	13	1	0.0	1.0
2008	7	13	6	1.0	1.0
2008	7	13	22	0.0	1.0
2008	7	14	1	0.0	1.0
2008	7	14	6	1.0	1.0
2008	7	14	22	0.0	1.0
2008	7	15	1	0.0	1.0
2008	7	15	6	1.0	1.0
2008	7	15	22	0.0	1.0
2008	7	16	1	0.0	1.0
2008	7	16	6	1.0	1.0
2008	7	16	22	0.0	1.0
2008	7	17	1	0.0	1.0
2008	7	17	6	1.0	1.0
2008	7	17	22	0.0	1.0
2008	7	18	1	0.0	1.0
2008	7	18	6	1.0	1.0
2008	7	18	22	0.0	1.0
2008	7	19	1	0.0	1.0
2008	7	19	6	1.0	1.0
2008	7	19	22	0.0	1.0
2008	7	20	1	0.0	1.0
2008	7	20	6	1.0	1.0
2008	7	20	22	0.0	1.0
2008	7	21	1	0.0	1.0
2008	7	21	6	1.0	1.0
2008	7	21	22	0.0	1.0
2008	7	22	1	0.0	1.0
2008	7	22	6	1.0	1.0
2008	7	22	22	0.0	1.0
2008	7	23	1	0.0	1.0
2008	7	23	6	1.0	1.0
2008	7	23	22	0.0	1.0
2008	7	24	1	0.0	1.0

Hourly Capacity Pattern 19 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	8	14	22	0.0	1.0
2008	8	15	1	0.0	1.0
2008	8	15	6	1.0	1.0
2008	8	15	22	0.0	1.0
2008	8	16	1	0.0	1.0
2008	8	16	6	1.0	1.0
2008	8	16	22	0.0	1.0
2008	8	17	1	0.0	1.0
2008	8	17	6	1.0	1.0
2008	8	17	22	0.0	1.0
2008	8	18	1	0.0	1.0
2008	8	18	6	1.0	1.0
2008	8	18	22	0.0	1.0
2008	8	19	1	0.0	1.0
2008	8	19	6	1.0	1.0
2008	8	19	22	0.0	1.0
2008	8	20	1	0.0	1.0
2008	8	20	6	1.0	1.0
2008	8	20	22	0.0	1.0
2008	8	21	1	0.0	1.0
2008	8	21	6	1.0	1.0
2008	8	21	22	0.0	1.0
2008	8	22	1	0.0	1.0
2008	8	22	6	1.0	1.0
2008	8	22	22	0.0	1.0
2008	8	23	1	0.0	1.0
2008	8	23	6	1.0	1.0
2008	8	23	22	0.0	1.0
2008	8	24	1	0.0	1.0
2008	8	24	6	1.0	1.0
2008	8	24	22	0.0	1.0
2008	8	25	1	0.0	1.0
2008	8	25	6	1.0	1.0
2008	8	25	22	0.0	1.0
2008	8	26	1	0.0	1.0
2008	8	26	6	1.0	1.0
2008	8	26	22	0.0	1.0
2008	8	27	1	0.0	1.0
2008	8	27	6	1.0	1.0
2008	8	27	22	0.0	1.0
2008	8	28	1	0.0	1.0
2008	8	28	6	1.0	1.0
2008	8	28	22	0.0	1.0
2008	8	29	1	0.0	1.0
2008	8	29	6	1.0	1.0
2008	8	29	22	0.0	1.0
2008	8	30	1	0.0	1.0
2008	8	30	6	1.0	1.0
2008	8	30	22	0.0	1.0
2008	8	31	1	0.0	1.0
2008	8	31	6	1.0	1.0
2008	8	31	22	0.0	1.0
2008	9	1	1	0.0	1.0
2008	9	1	6	1.0	1.0
2008	9	1	22	0.0	1.0
2008	9	2	1	0.0	1.0
2008	9	2	6	1.0	1.0
2008	9	2	22	0.0	1.0
2008	9	3	1	0.0	1.0
2008	9	3	6	1.0	1.0
2008	9	3	22	0.0	1.0
2008	9	4	1	0.0	1.0
2008	9	4	6	1.0	1.0
2008	9	4	22	0.0	1.0
2008	9	5	1	0.0	1.0
2008	9	5	6	1.0	1.0
2008	9	5	22	0.0	1.0
2008	9	6	1	0.0	1.0
2008	9	6	6	1.0	1.0
2008	9	6	22	0.0	1.0
2008	9	7	1	0.0	1.0
2008	9	7	6	1.0	1.0
2008	9	7	22	0.0	1.0
2008	9	8	1	0.0	1.0
2008	9	8	6	1.0	1.0
2008	9	8	22	0.0	1.0
2008	9	9	1	0.0	1.0
2008	9	9	6	1.0	1.0
2008	9	9	22	0.0	1.0
2008	9	10	1	0.0	1.0
2008	9	10	6	1.0	1.0
2008	9	10	22	0.0	1.0
2008	9	11	1	0.0	1.0
2008	9	11	6	1.0	1.0
2008	9	11	22	0.0	1.0
2008	9	12	1	0.0	1.0
2008	9	12	6	1.0	1.0
2008	9	12	22	0.0	1.0
2008	9	13	1	0.0	1.0
2008	9	13	6	1.0	1.0
2008	9	13	22	0.0	1.0
2008	9	14	1	0.0	1.0
2008	9	14	6	1.0	1.0
2008	9	14	22	0.0	1.0
2008	9	15	1	0.0	1.0
2008	9	15	6	1.0	1.0
2008	9	15	22	0.0	1.0
2008	9	16	1	0.0	1.0
2008	9	16	6	1.0	1.0
2008	9	16	22	0.0	1.0
2008	9	17	1	0.0	1.0
2008	9	17	6	1.0	1.0
2008	9	17	22	0.0	1.0
2008	9	18	1	0.0	1.0
2008	9	18	6	1.0	1.0
2008	9	18	22	0.0	1.0
2008	9	19	1	0.0	1.0
2008	9	19	6	1.0	1.0
2008	9	19	22	0.0	1.0
2008	9	20	1	0.0	1.0
2008	9	20	6	1.0	1.0
2008	9	20	22	0.0	1.0
2008	9	21	1	0.0	1.0
2008	9	21	6	1.0	1.0
2008	9	21	22	0.0	1.0
2008	9	22	1	0.0	1.0
2008	9	22	6	1.0	1.0
2008	9	22	22	0.0	1.0
2008	9	23	1	0.0	1.0
2008	9	23	6	1.0	1.0
2008	9	23	22	0.0	1.0
2008	9	24	1	0.0	1.0
2008	9	24	6	1.0	1.0
2008	9	24	22	0.0	1.0
2008	9	25	1	0.0	1.0
2008	9	25	6	1.0	1.0
2008	9	25	22	0.0	1.0
2008	9	26	1	0.0	1.0
2008	9	26	6	1.0	1.0
2008	9	26	22	0.0	1.0
2008	9	27	1	0.0	1.0
2008	9	27	6	1.0	1.0
2008	9	27	22	0.0	1.0
2008	9	28	1	0.0	1.0
2008	9	28	6	1.0	1.0
2008	9	28	22	0.0	1.0
2008	9	29	1	0.0	1.0
2008	9	29	6	1.0	1.0
2008	9	29	22	0.0	1.0
2008	9	30	1	0.0	1.0
2008	9	30	6	1.0	1.0
2008	9	30	22	0.0	1.0
2008	10	1	1	0.0	1.0
2008	10	1	6	1.0	1.0
2008	10	1	22	0.0	1.0
2008	10	2	1	0.0	1.0
2008	10	2	6	1.0	1.0
2008	10	2	22	0.0	1.0
2008	10	3	1	0.0	1.0
2008	10	3	6	1.0	1.0
2008	10	3	22	0.0	1.0
2008	10	4	1	0.0	1.0
2008	10	4	6	1.0	1.0
2008	10	4	22	0.0	1.0
2008	10	5	1	0.0	1.0
2008	10	5	6	1.0	1.0
2008	10	5	22	0.0	1.0
2008	10	6	1	0.0	1.0
2008	10	6	6	1.0	1.0
2008	10	6	22	0.0	1.0
2008	10	7	1	0.0	1.0
2008	10	7	6	1.0	1.0
2008	10	7	22	0.0	1.0
2008	10	8	1	0.0	1.0
2008	10	8	6	1.0	1.0
2008	10	8	22	0.0	1.0
2008	10	9	1	0.0	1.0
2008	10	9	6	1.0	1.0
2008	10	9	22	0.0	1.0
2008	10	10	1	0.0	1.0
2008	10	10	6	1.0	1.0
2008	10	10	22	0.0	1.0
2008	10	11	1	0.0	1.0
2008	10	11	6	1.0	1.0
2008	10	11	22	0.0	1.0
2008	10	12	1	0.0	1.0
2008	10	12	6	1.0	1.0
2008	10	12	22	0.0	1.0
2008	10	13	1	0.0	1.0
2008	10	13	6	1.0	1.0
2008	10	13	22	0.0	1.0
2008	10	14	1	0.0	1.0
2008	10	14	6	1.0	1.0

Hourly Capacity Pattern 19 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	10	14	22	0.0	1.0
2008	10	15	1	0.0	1.0
2008	10	15	6	1.0	1.0
2008	10	15	22	0.0	1.0
2008	10	16	1	0.0	1.0
2008	10	16	6	1.0	1.0
2008	10	16	22	0.0	1.0
2008	10	17	1	0.0	1.0
2008	10	17	6	1.0	1.0
2008	10	17	22	0.0	1.0
2008	10	18	1	0.0	1.0
2008	10	18	6	1.0	1.0
2008	10	18	22	0.0	1.0
2008	10	19	1	0.0	1.0
2008	10	19	6	1.0	1.0
2008	10	19	22	0.0	1.0
2008	10	20	1	0.0	1.0
2008	10	20	6	1.0	1.0
2008	10	20	22	0.0	1.0
2008	10	21	1	0.0	1.0
2008	10	21	6	1.0	1.0
2008	10	21	22	0.0	1.0
2008	10	22	1	0.0	1.0
2008	10	22	6	1.0	1.0
2008	10	22	22	0.0	1.0
2008	10	23	1	0.0	1.0
2008	10	23	6	1.0	1.0
2008	10	23	22	0.0	1.0
2008	10	24	1	0.0	1.0
2008	10	24	6	1.0	1.0
2008	10	24	22	0.0	1.0
2008	10	25	1	0.0	1.0
2008	10	25	6	1.0	1.0
2008	10	25	22	0.0	1.0
2008	10	26	1	0.0	1.0
2008	10	26	6	1.0	1.0
2008	10	26	22	0.0	1.0
2008	10	27	1	0.0	1.0
2008	10	27	6	1.0	1.0
2008	10	27	22	0.0	1.0
2008	10	28	1	0.0	1.0
2008	10	28	6	1.0	1.0
2008	10	28	22	0.0	1.0
2008	10	29	1	0.0	1.0
2008	10	29	6	1.0	1.0
2008	10	29	22	0.0	1.0
2008	10	30	1	0.0	1.0
2008	10	30	6	1.0	1.0
2008	10	30	22	0.0	1.0
2008	10	31	1	0.0	1.0
2008	10	31	6	1.0	1.0
2008	10	31	22	0.0	1.0
2008	11	1	1	0.0	1.0
2008	11	1	6	1.0	1.0
2008	11	1	22	0.0	1.0
2008	11	2	1	0.0	1.0
2008	11	2	6	1.0	1.0
2008	11	2	22	0.0	1.0
2008	11	3	1	0.0	1.0
2008	11	3	6	1.0	1.0
2008	11	3	22	0.0	1.0
2008	11	4	1	0.0	1.0
2008	11	4	6	1.0	1.0
2008	11	4	22	0.0	1.0
2008	11	5	1	0.0	1.0
2008	11	5	6	1.0	1.0
2008	11	5	22	0.0	1.0
2008	11	6	1	0.0	1.0
2008	11	6	6	1.0	1.0
2008	11	6	22	0.0	1.0
2008	11	7	1	0.0	1.0
2008	11	7	6	1.0	1.0
2008	11	7	22	0.0	1.0
2008	11	8	1	0.0	1.0
2008	11	8	6	1.0	1.0
2008	11	8	22	0.0	1.0
2008	11	9	1	0.0	1.0
2008	11	9	6	1.0	1.0
2008	11	9	22	0.0	1.0
2008	11	10	1	0.0	1.0
2008	11	10	6	1.0	1.0
2008	11	10	22	0.0	1.0
2008	11	11	1	0.0	1.0
2008	11	11	6	1.0	1.0
2008	11	11	22	0.0	1.0
2008	11	12	1	0.0	1.0
2008	11	12	6	1.0	1.0
2008	11	12	22	0.0	1.0
2008	11	13	1	0.0	1.0
2008	11	13	6	1.0	1.0
2008	11	13	22	0.0	1.0
2008	11	14	1	0.0	1.0
2008	11	14	6	1.0	1.0
2008	11	14	22	0.0	1.0
2008	11	15	1	0.0	1.0
2008	11	15	6	1.0	1.0
2008	11	15	22	0.0	1.0
2008	11	16	1	0.0	1.0
2008	11	16	6	1.0	1.0
2008	11	16	22	0.0	1.0
2008	11	17	1	0.0	1.0
2008	11	17	6	1.0	1.0
2008	11	17	22	0.0	1.0
2008	11	18	1	0.0	1.0
2008	11	18	6	1.0	1.0
2008	11	18	22	0.0	1.0
2008	11	19	1	0.0	1.0
2008	11	19	6	1.0	1.0
2008	11	19	22	0.0	1.0
2008	11	20	1	0.0	1.0
2008	11	20	6	1.0	1.0
2008	11	20	22	0.0	1.0
2008	11	21	1	0.0	1.0
2008	11	21	6	1.0	1.0
2008	11	21	22	0.0	1.0
2008	11	22	1	0.0	1.0
2008	11	22	6	1.0	1.0
2008	11	22	22	0.0	1.0
2008	11	23	1	0.0	1.0
2008	11	23	6	1.0	1.0
2008	11	23	22	0.0	1.0
2008	11	24	1	0.0	1.0
2008	11	24	6	1.0	1.0
2008	11	24	22	0.0	1.0
2008	11	25	1	0.0	1.0
2008	11	25	6	1.0	1.0
2008	11	25	22	0.0	1.0
2008	11	26	1	0.0	1.0
2008	11	26	6	1.0	1.0
2008	11	26	22	0.0	1.0
2008	11	27	1	0.0	1.0
2008	11	27	6	1.0	1.0
2008	11	27	22	0.0	1.0
2008	11	28	1	0.0	1.0
2008	11	28	6	1.0	1.0
2008	11	28	22	0.0	1.0
2008	11	29	1	0.0	1.0
2008	11	29	6	1.0	1.0
2008	11	29	22	0.0	1.0
2008	11	30	1	0.0	1.0
2008	11	30	6	1.0	1.0
2008	11	30	22	0.0	1.0
2008	12	1	1	0.0	1.0
2008	12	1	6	1.0	1.0
2008	12	1	22	0.0	1.0
2008	12	2	1	0.0	1.0
2008	12	2	6	1.0	1.0
2008	12	2	22	0.0	1.0
2008	12	3	1	0.0	1.0
2008	12	3	6	1.0	1.0
2008	12	3	22	0.0	1.0
2008	12	4	1	0.0	1.0
2008	12	4	6	1.0	1.0
2008	12	4	22	0.0	1.0
2008	12	5	1	0.0	1.0
2008	12	5	6	1.0	1.0
2008	12	5	22	0.0	1.0
2008	12	6	1	0.0	1.0
2008	12	6	6	1.0	1.0
2008	12	6	22	0.0	1.0
2008	12	7	1	0.0	1.0
2008	12	7	6	1.0	1.0
2008	12	7	22	0.0	1.0
2008	12	8	1	0.0	1.0
2008	12	8	6	1.0	1.0
2008	12	8	22	0.0	1.0
2008	12	9	1	0.0	1.0
2008	12	9	6	1.0	1.0
2008	12	9	22	0.0	1.0
2008	12	10	1	0.0	1.0
2008	12	10	6	1.0	1.0
2008	12	10	22	0.0	1.0
2008	12	11	1	0.0	1.0
2008	12	11	6	1.0	1.0
2008	12	11	22	0.0	1.0
2008	12	12	1	0.0	1.0
2008	12	12	6	1.0	1.0
2008	12	12	22	0.0	1.0
2008	12	13	1	0.0	1.0
2008	12	13	6	1.0	1.0
2008	12	13	22	0.0	1.0
2008	12	14	1	0.0	1.0
2008	12	14	6	1.0	1.0
2008	12	14	22	0.0	1.0
2008	12	15	1	0.0	1.0
2008	12	15	6	1.0	1.0

Hourly Capacity Pattern 19 (continued)

Yr	Prd	Start Day	Hr	Multiplier	Cap Multiplier	OM Multiplier
2008	11	15	22		0.0	1.0
2008	12	16	1		0.0	1.0
2008	12	16	2		1.0	1.0
2008	12	16	3		0.0	1.0
2008	12	16	4		0.0	1.0
2008	12	16	5		1.0	1.0
2008	12	16	6		0.0	1.0
2008	12	16	7		0.0	1.0
2008	12	16	8		1.0	1.0
2008	12	16	9		1.0	1.0
2008	12	16	10		0.0	1.0
2008	12	16	11		0.0	1.0
2008	12	16	12		0.0	1.0
2008	12	16	13		0.0	1.0
2008	12	16	14		0.0	1.0
2008	12	16	15		0.0	1.0
2008	12	16	16		0.0	1.0
2008	12	16	17		0.0	1.0
2008	12	16	18		0.0	1.0
2008	12	16	19		1.0	1.0
2008	12	16	20		1.0	1.0
2008	12	16	21		0.0	1.0
2008	12	16	22		0.0	1.0
2008	12	16	23		0.0	1.0
2008	12	16	24		0.0	1.0
2008	12	17	1		0.0	1.0
2008	12	17	2		0.0	1.0
2008	12	17	3		0.0	1.0
2008	12	17	4		0.0	1.0
2008	12	17	5		0.0	1.0
2008	12	17	6		0.0	1.0
2008	12	17	7		0.0	1.0
2008	12	17	8		0.0	1.0
2008	12	17	9		0.0	1.0
2008	12	17	10		0.0	1.0
2008	12	17	11		0.0	1.0
2008	12	17	12		0.0	1.0
2008	12	17	13		0.0	1.0
2008	12	17	14		0.0	1.0
2008	12	17	15		0.0	1.0
2008	12	17	16		0.0	1.0
2008	12	17	17		0.0	1.0
2008	12	17	18		0.0	1.0
2008	12	17	19		1.0	1.0
2008	12	17	20		0.0	1.0
2008	12	17	21		0.0	1.0
2008	12	17	22		0.0	1.0
2008	12	17	23		0.0	1.0
2008	12	17	24		0.0	1.0
2008	12	18	1		0.0	1.0
2008	12	18	2		0.0	1.0
2008	12	18	3		0.0	1.0
2008	12	18	4		0.0	1.0
2008	12	18	5		0.0	1.0
2008	12	18	6		0.0	1.0
2008	12	18	7		0.0	1.0
2008	12	18	8		0.0	1.0
2008	12	18	9		0.0	1.0
2008	12	18	10		0.0	1.0
2008	12	18	11		0.0	1.0
2008	12	18	12		0.0	1.0
2008	12	18	13		0.0	1.0
2008	12	18	14		0.0	1.0
2008	12	18	15		0.0	1.0
2008	12	18	16		0.0	1.0
2008	12	18	17		0.0	1.0
2008	12	18	18		0.0	1.0
2008	12	18	19		0.0	1.0
2008	12	18	20		0.0	1.0
2008	12	18	21		0.0	1.0
2008	12	18	22		0.0	1.0
2008	12	18	23		0.0	1.0
2008	12	18	24		0.0	1.0
2008	12	19	1		0.0	1.0
2008	12	19	2		0.0	1.0
2008	12	19	3		0.0	1.0
2008	12	19	4		0.0	1.0
2008	12	19	5		0.0	1.0
2008	12	19	6		0.0	1.0
2008	12	19	7		0.0	1.0
2008	12	19	8		0.0	1.0
2008	12	19	9		0.0	1.0
2008	12	19	10		0.0	1.0
2008	12	19	11		0.0	1.0
2008	12	19	12		0.0	1.0
2008	12	19	13		0.0	1.0
2008	12	19	14		0.0	1.0
2008	12	19	15		0.0	1.0
2008	12	19	16		0.0	1.0
2008	12	19	17		0.0	1.0
2008	12	19	18		0.0	1.0
2008	12	19	19		0.0	1.0
2008	12	19	20		0.0	1.0
2008	12	19	21		0.0	1.0
2008	12	19	22		0.0	1.0
2008	12	19	23		0.0	1.0
2008	12	19	24		0.0	1.0
2008	12	20	1		0.0	1.0
2008	12	20	2		0.0	1.0
2008	12	20	3		0.0	1.0
2008	12	20	4		0.0	1.0
2008	12	20	5		0.0	1.0
2008	12	20	6		0.0	1.0
2008	12	20	7		0.0	1.0
2008	12	20	8		0.0	1.0
2008	12	20	9		0.0	1.0
2008	12	20	10		0.0	1.0
2008	12	20	11		0.0	1.0
2008	12	20	12		0.0	1.0
2008	12	20	13		0.0	1.0
2008	12	20	14		0.0	1.0
2008	12	20	15		0.0	1.0
2008	12	20	16		0.0	1.0
2008	12	20	17		0.0	1.0
2008	12	20	18		0.0	1.0
2008	12	20	19		0.0	1.0
2008	12	20	20		0.0	1.0
2008	12	20	21		0.0	1.0
2008	12	20	22		0.0	1.0
2008	12	20	23		0.0	1.0
2008	12	20	24		0.0	1.0
2008	12	21	1		0.0	1.0
2008	12	21	2		0.0	1.0
2008	12	21	3		0.0	1.0
2008	12	21	4		0.0	1.0
2008	12	21	5		0.0	1.0
2008	12	21	6		0.0	1.0
2008	12	21	7		0.0	1.0
2008	12	21	8		0.0	1.0
2008	12	21	9		0.0	1.0
2008	12	21	10		0.0	1.0
2008	12	21	11		0.0	1.0
2008	12	21	12		0.0	1.0
2008	12	21	13		0.0	1.0
2008	12	21	14		0.0	1.0
2008	12	21	15		0.0	1.0
2008	12	21	16		0.0	1.0
2008	12	21	17		0.0	1.0
2008	12	21	18		0.0	1.0
2008	12	21	19		0.0	1.0
2008	12	21	20		0.0	1.0
2008	12	21	21		0.0	1.0
2008	12	21	22		0.0	1.0
2008	12	21	23		0.0	1.0
2008	12	21	24		0.0	1.0

File: PTN19.HCP

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Hourly Capacity Pattern 20

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	1	1	1	0.0	1.0
2008	1	1	7	1.0	1.0
2008	1	1	22	0.0	1.0
2008	1	2	1	0.0	1.0
2008	1	2	7	1.0	1.0
2008	1	2	22	0.0	1.0
2008	1	3	1	0.0	1.0
2008	1	3	7	1.0	1.0
2008	1	3	22	0.0	1.0
2008	1	4	1	0.0	1.0
2008	1	4	7	1.0	1.0
2008	1	4	22	0.0	1.0
2008	1	5	1	0.0	1.0
2008	1	5	7	1.0	1.0
2008	1	5	22	0.0	1.0
2008	1	6	1	0.0	1.0
2008	1	6	7	1.0	1.0
2008	1	6	22	0.0	1.0
2008	1	7	1	0.0	1.0
2008	1	7	7	1.0	1.0
2008	1	7	22	0.0	1.0
2008	1	8	1	0.0	1.0
2008	1	8	7	1.0	1.0
2008	1	8	22	0.0	1.0
2008	1	9	1	0.0	1.0
2008	1	9	7	1.0	1.0
2008	1	9	22	0.0	1.0
2008	1	10	1	0.0	1.0
2008	1	10	7	1.0	1.0
2008	1	10	22	0.0	1.0
2008	1	11	1	0.0	1.0
2008	1	11	7	1.0	1.0
2008	1	11	22	0.0	1.0
2008	1	12	1	0.0	1.0
2008	1	12	7	1.0	1.0
2008	1	12	22	0.0	1.0
2008	1	13	1	0.0	1.0
2008	1	13	7	1.0	1.0
2008	1	13	22	0.0	1.0
2008	1	14	1	0.0	1.0
2008	1	14	7	1.0	1.0
2008	1	14	22	0.0	1.0
2008	1	15	1	0.0	1.0
2008	1	15	7	1.0	1.0
2008	1	15	22	0.0	1.0
2008	1	16	1	0.0	1.0
2008	1	16	7	1.0	1.0
2008	1	16	22	0.0	1.0
2008	1	17	1	0.0	1.0
2008	1	17	7	1.0	1.0
2008	1	17	22	0.0	1.0
2008	1	18	1	0.0	1.0
2008	1	18	7	1.0	1.0
2008	1	18	22	0.0	1.0
2008	1	19	1	0.0	1.0
2008	1	19	7	1.0	1.0
2008	1	19	22	0.0	1.0
2008	1	20	1	0.0	1.0
2008	1	20	7	1.0	1.0
2008	1	20	22	0.0	1.0
2008	1	21	1	0.0	1.0
2008	1	21	7	1.0	1.0
2008	1	21	22	0.0	1.0
2008	1	22	1	0.0	1.0
2008	1	22	7	1.0	1.0
2008	1	22	22	0.0	1.0
2008	1	23	1	0.0	1.0
2008	1	23	7	1.0	1.0
2008	1	23	22	0.0	1.0
2008	1	24	1	0.0	1.0
2008	1	24	7	1.0	1.0
2008	1	24	22	0.0	1.0
2008	1	25	1	0.0	1.0
2008	1	25	7	1.0	1.0
2008	1	25	22	0.0	1.0
2008	1	26	1	0.0	1.0
2008	1	26	7	1.0	1.0
2008	1	26	22	0.0	1.0
2008	1	27	1	0.0	1.0
2008	1	27	7	1.0	1.0
2008	1	27	22	0.0	1.0
2008	1	28	1	0.0	1.0
2008	1	28	7	1.0	1.0
2008	1	28	22	0.0	1.0
2008	1	29	1	0.0	1.0
2008	1	29	7	1.0	1.0
2008	1	29	22	0.0	1.0
2008	1	30	1	0.0	1.0
2008	1	30	7	1.0	1.0
2008	1	30	22	0.0	1.0
2008	1	31	1	0.0	1.0
2008	1	31	7	1.0	1.0
2008	1	31	22	0.0	1.0
2008	2	1	1	0.0	1.0
2008	2	1	7	1.0	1.0
2008	2	1	22	0.0	1.0
2008	2	2	1	0.0	1.0
2008	2	2	7	1.0	1.0
2008	2	2	22	0.0	1.0
2008	2	3	1	0.0	1.0
2008	2	3	7	1.0	1.0
2008	2	3	22	0.0	1.0
2008	2	4	1	0.0	1.0
2008	2	4	7	1.0	1.0
2008	2	4	22	0.0	1.0
2008	2	5	1	0.0	1.0
2008	2	5	7	1.0	1.0
2008	2	5	22	0.0	1.0
2008	2	6	1	0.0	1.0
2008	2	6	7	1.0	1.0
2008	2	6	22	0.0	1.0
2008	2	7	1	0.0	1.0
2008	2	7	7	1.0	1.0
2008	2	7	22	0.0	1.0
2008	2	8	1	0.0	1.0
2008	2	8	7	1.0	1.0
2008	2	8	22	0.0	1.0
2008	2	9	1	0.0	1.0
2008	2	9	7	1.0	1.0
2008	2	9	22	0.0	1.0
2008	2	10	1	0.0	1.0
2008	2	10	7	1.0	1.0
2008	2	10	22	0.0	1.0
2008	2	11	1	0.0	1.0
2008	2	11	7	1.0	1.0
2008	2	11	22	0.0	1.0
2008	2	12	1	0.0	1.0
2008	2	12	7	1.0	1.0
2008	2	12	22	0.0	1.0
2008	2	13	1	0.0	1.0
2008	2	13	7	1.0	1.0
2008	2	13	22	0.0	1.0
2008	2	14	1	0.0	1.0
2008	2	14	7	1.0	1.0
2008	2	14	22	0.0	1.0
2008	2	15	1	0.0	1.0
2008	2	15	7	1.0	1.0
2008	2	15	22	0.0	1.0
2008	2	16	1	0.0	1.0
2008	2	16	7	1.0	1.0
2008	2	16	22	0.0	1.0
2008	2	17	1	0.0	1.0
2008	2	17	7	1.0	1.0
2008	2	17	22	0.0	1.0
2008	2	18	1	0.0	1.0
2008	2	18	7	1.0	1.0
2008	2	18	22	0.0	1.0
2008	2	19	1	0.0	1.0
2008	2	19	7	1.0	1.0
2008	2	19	22	0.0	1.0
2008	2	20	1	0.0	1.0
2008	2	20	7	1.0	1.0
2008	2	20	22	0.0	1.0
2008	2	21	1	0.0	1.0
2008	2	21	7	1.0	1.0
2008	2	21	22	0.0	1.0
2008	2	22	1	0.0	1.0
2008	2	22	7	1.0	1.0
2008	2	22	22	0.0	1.0
2008	2	23	1	0.0	1.0
2008	2	23	7	1.0	1.0
2008	2	23	22	0.0	1.0
2008	2	24	1	0.0	1.0
2008	2	24	7	1.0	1.0
2008	2	24	22	0.0	1.0
2008	3	1	1	0.0	1.0
2008	3	1	7	1.0	1.0
2008	3	1	22	0.0	1.0
2008	3	2	1	0.0	1.0
2008	3	2	7	1.0	1.0
2008	3	2	22	0.0	1.0

Hourly Capacity Pattern 20 (continued)

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	3	3	1	0.0	1.0
2008	3	3	7	1.0	1.0
2008	3	3	22	0.0	1.0
2008	3	4	1	0.0	1.0
2008	3	4	7	1.0	1.0
2008	3	4	22	0.0	1.0
2008	3	5	1	0.0	1.0
2008	3	5	7	1.0	1.0
2008	3	5	22	0.0	1.0
2008	3	6	1	0.0	1.0
2008	3	6	7	1.0	1.0
2008	3	6	22	0.0	1.0
2008	3	7	1	0.0	1.0
2008	3	7	7	1.0	1.0
2008	3	7	22	0.0	1.0
2008	3	8	1	0.0	1.0
2008	3	8	7	1.0	1.0
2008	3	8	22	0.0	1.0
2008	3	9	1	0.0	1.0
2008	3	9	7	1.0	1.0
2008	3	9	22	0.0	1.0
2008	3	10	1	0.0	1.0
2008	3	10	7	1.0	1.0
2008	3	10	22	0.0	1.0
2008	3	11	1	0.0	1.0
2008	3	11	7	1.0	1.0
2008	3	11	22	0.0	1.0
2008	3	12	1	0.0	1.0
2008	3	12	7	1.0	1.0
2008	3	12	22	0.0	1.0
2008	3	13	1	0.0	1.0
2008	3	13	7	1.0	1.0
2008	3	13	22	0.0	1.0
2008	3	14	1	0.0	1.0
2008	3	14	7	1.0	1.0
2008	3	14	22	0.0	1.0
2008	3	15	1	0.0	1.0
2008	3	15	7	1.0	1.0
2008	3	15	22	0.0	1.0
2008	3	16	1	0.0	1.0
2008	3	16	7	1.0	1.0
2008	3	16	22	0.0	1.0
2008	3	17	1	0.0	1.0
2008	3	17	7	1.0	1.0
2008	3	17	22	0.0	1.0
2008	3	18	1	0.0	1.0
2008	3	18	7	1.0	1.0
2008	3	18	22	0.0	1.0
2008	3	19	1	0.0	1.0
2008	3	19	7	1.0	1.0
2008	3	19	22	0.0	1.0
2008	3	20	1	0.0	1.0
2008	3	20	7	1.0	1.0
2008	3	20	22	0.0	1.0
2008	3	21	1	0.0	1.0
2008	3	21	7	1.0	1.0
2008	3	21	22	0.0	1.0
2008	3	22	1	0.0	1.0
2008	3	22	7	1.0	1.0
2008	3	22	22	0.0	1.0
2008	3	23	1	0.0	1.0
2008	3	23	7	1.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	3	23	22	0.0	1.0
2008	4	1	1	0.0	1.0
2008	4	1	7	1.0	1.0
2008	4	1	22	0.0	1.0
2008	4	2	1	0.0	1.0
2008	4	2	7	1.0	1.0
2008	4	2	22	0.0	1.0
2008	4	3	1	0.0	1.0
2008	4	3	7	1.0	1.0
2008	4	3	22	0.0	1.0
2008	4	4	1	0.0	1.0
2008	4	4	7	1.0	1.0
2008	4	4	22	0.0	1.0
2008	4	5	1	0.0	1.0
2008	4	5	7	1.0	1.0
2008	4	5	22	0.0	1.0
2008	4	6	1	0.0	1.0
2008	4	6	7	1.0	1.0
2008	4	6	22	0.0	1.0
2008	4	7	1	0.0	1.0
2008	4	7	7	1.0	1.0
2008	4	7	22	0.0	1.0
2008	4	8	1	0.0	1.0
2008	4	8	7	1.0	1.0
2008	4	8	22	0.0	1.0
2008	4	9	1	0.0	1.0
2008	4	9	7	1.0	1.0
2008	4	9	22	0.0	1.0
2008	4	10	1	0.0	1.0
2008	4	10	7	1.0	1.0
2008	4	10	22	0.0	1.0
2008	4	11	1	0.0	1.0
2008	4	11	7	1.0	1.0
2008	4	11	22	0.0	1.0
2008	4	12	1	0.0	1.0
2008	4	12	7	1.0	1.0
2008	4	12	22	0.0	1.0
2008	4	13	1	0.0	1.0
2008	4	13	7	1.0	1.0
2008	4	13	22	0.0	1.0
2008	4	14	1	0.0	1.0
2008	4	14	7	1.0	1.0
2008	4	14	22	0.0	1.0
2008	4	15	1	0.0	1.0
2008	4	15	7	1.0	1.0
2008	4	15	22	0.0	1.0
2008	4	16	1	0.0	1.0
2008	4	16	7	1.0	1.0
2008	4	16	22	0.0	1.0
2008	4	17	1	0.0	1.0
2008	4	17	7	1.0	1.0
2008	4	17	22	0.0	1.0
2008	4	18	1	0.0	1.0
2008	4	18	7	1.0	1.0
2008	4	18	22	0.0	1.0
2008	4	19	1	0.0	1.0
2008	4	19	7	1.0	1.0
2008	4	19	22	0.0	1.0
2008	4	20	1	0.0	1.0
2008	4	20	7	1.0	1.0
2008	4	20	22	0.0	1.0
2008	4	21	1	0.0	1.0
2008	4	21	7	1.0	1.0
2008	4	21	22	0.0	1.0
2008	4	22	1	0.0	1.0
2008	4	22	7	1.0	1.0
2008	4	22	22	0.0	1.0
2008	4	23	1	0.0	1.0
2008	4	23	7	1.0	1.0

Yr	Prd	Start Day	Hr	Cap Multiplier	OM Multiplier
2008	4	23	22	0.0	1.0
2008	5	1	1	0.0	1.0
2008	5	1	7	1.0	1.0
2008	5	1	22	0.0	1.0
2008	5	2	1	0.0	1.0
2008	5	2	7	1.0	1.0
2008	5	2	22	0.0	1.0
2008	5	3	1	0.0	1.0
2008	5	3	7	1.0	1.0
2008	5	3	22	0.0	1.0
2008	5	4	1	0.0	1.0
2008	5	4	7	1.0	1.0
2008	5	4	22	0.0	1.0
2008	5	5	1	0.0	1.0
2008	5	5	7	1.0	1.0
2008	5	5	22	0.0	1.0
2008	5	6	1	0.0	1.0
2008	5	6	7	1.0	1.0
2008	5	6	22	0.0	1.0
2008	5	7	1	0.0	1.0
2008	5	7	7	1.0	1.0
2008	5	7	22	0.0	1.0
2008	5	8	1	0.0	1.0
2008	5	8	7	1.0	1.0
2008	5	8	22	0.0	1.0
2008	5	9	1	0.0	1.0
2008	5	9	7	1.0	1.0
2008	5	9	22	0.0	1.0
2008	5	10	1	0.0	1.0
2008	5	10	7	1.0	1.0
2008	5	10	22	0.0	1.0
2008	5	11	1	0.0	1.0
2008	5	11	7	1.0	1.0
2008	5	11	22	0.0	1.0
2008	5	12	1	0.0	1.0
2008	5	12	7	1.0	1.0
2008	5	12	22	0.0	1.0
2008	5	13	1	0.0	1.0
2008	5	13	7	1.0	1.0
2008	5	13	22	0.0	1.0
2008	5	14	1	0.0	1.0
2008	5	14	7	1.0	1.0
2008	5	14	22	0.0	1.0
2008	5	15	1	0.0	1.0
2008	5	15	7	1.0	1.0
2008	5	15	22	0.0	1.0
2008	5	16	1	0.0	1.0
2008	5	16	7	1.0	1.0
2008	5	16	22	0.0	1.0
2008	5	17	1	0.0	1.0
2008	5	17	7	1.0	1.0
2008	5	17	22	0.0	1.0
2008	5	18	1	0.0	1.0
2008	5	18	7	1.0	1.0
2008	5	18	22	0.0	1.0
2008	5	19	1	0.0	1.0
2008	5	19	7	1.0	1.0
2008	5	19	22	0.0	1.0
2008	5	20	1	0.0	1.0
2008	5	20	7	1.0	1.0
2008	5	20	22	0.0	1.0
2008	5	21	1	0.0	1.0

Hourly Capacity Pattern 20 (continued)

Yr	Prd	Start Day	Hr	Multiplier	Cap Multiplier	OM Multiplier
2008	5	21	7	1.0	0.0	1.0
2008	5	21	8	1.0	1.0	1.0
2008	5	21	9	1.0	1.0	1.0
2008	5	21	10	1.0	1.0	1.0
2008	5	21	11	1.0	1.0	1.0
2008	5	21	12	1.0	1.0	1.0
2008	5	21	13	1.0	1.0	1.0
2008	5	21	14	1.0	1.0	1.0
2008	5	21	15	1.0	1.0	1.0
2008	5	21	16	1.0	1.0	1.0
2008	5	21	17	1.0	1.0	1.0
2008	5	21	18	1.0	1.0	1.0
2008	5	21	19	1.0	1.0	1.0
2008	5	21	20	1.0	1.0	1.0
2008	5	21	21	1.0	1.0	1.0
2008	5	21	22	1.0	1.0	1.0
2008	5	21	23	1.0	1.0	1.0
2008	5	21	24	1.0	1.0	1.0
2008	5	22	1	1.0	1.0	1.0
2008	5	22	2	1.0	1.0	1.0
2008	5	22	3	1.0	1.0	1.0
2008	5	22	4	1.0	1.0	1.0
2008	5	22	5	1.0	1.0	1.0
2008	5	22	6	1.0	1.0	1.0
2008	5	22	7	1.0	1.0	1.0
2008	5	22	8	1.0	1.0	1.0
2008	5	22	9	1.0	1.0	1.0
2008	5	22	10	1.0	1.0	1.0
2008	5	22	11	1.0	1.0	1.0
2008	5	22	12	1.0	1.0	1.0
2008	5	22	13	1.0	1.0	1.0
2008	5	22	14	1.0	1.0	1.0
2008	5	22	15	1.0	1.0	1.0
2008	5	22	16	1.0	1.0	1.0
2008	5	22	17	1.0	1.0	1.0
2008	5	22	18	1.0	1.0	1.0
2008	5	22	19	1.0	1.0	1.0
2008	5	22	20	1.0	1.0	1.0
2008	5	22	21	1.0	1.0	1.0
2008	5	22	22	1.0	1.0	1.0
2008	5	22	23	1.0	1.0	1.0
2008	5	22	24	1.0	1.0	1.0
2008	5	23	1	1.0	1.0	1.0
2008	5	23	2	1.0	1.0	1.0
2008	5	23	3	1.0	1.0	1.0
2008	5	23	4	1.0	1.0	1.0
2008	5	23	5	1.0	1.0	1.0
2008	5	23	6	1.0	1.0	1.0
2008	5	23	7	1.0	1.0	1.0
2008	5	23	8	1.0	1.0	1.0
2008	5	23	9	1.0	1.0	1.0
2008	5	23	10	1.0	1.0	1.0
2008	5	23	11	1.0	1.0	1.0
2008	5	23	12	1.0	1.0	1.0
2008	5	23	13	1.0	1.0	1.0
2008	5	23	14	1.0	1.0	1.0
2008	5	23	15	1.0	1.0	1.0
2008	5	23	16	1.0	1.0	1.0
2008	5	23	17	1.0	1.0	1.0
2008	5	23	18	1.0	1.0	1.0
2008	5	23	19	1.0	1.0	1.0
2008	5	23	20	1.0	1.0	1.0
2008	5	23	21	1.0	1.0	1.0
2008	5	23	22	1.0	1.0	1.0
2008	5	23	23	1.0	1.0	1.0
2008	5	23	24	1.0	1.0	1.0
2008	5	24	1	1.0	1.0	1.0
2008	5	24	2	1.0	1.0	1.0
2008	5	24	3	1.0	1.0	1.0
2008	5	24	4	1.0	1.0	1.0
2008	5	24	5	1.0	1.0	1.0
2008	5	24	6	1.0	1.0	1.0
2008	5	24	7	1.0	1.0	1.0
2008	5	24	8	1.0	1.0	1.0
2008	5	24	9	1.0	1.0	1.0
2008	5	24	10	1.0	1.0	1.0
2008	5	24	11	1.0	1.0	1.0
2008	5	24	12	1.0	1.0	1.0
2008	5	24	13	1.0	1.0	1.0
2008	5	24	14	1.0	1.0	1.0
2008	5	24	15	1.0	1.0	1.0
2008	5	24	16	1.0	1.0	1.0
2008	5	24	17	1.0	1.0	1.0
2008	5	24	18	1.0	1.0	1.0
2008	5	24	19	1.0	1.0	1.0
2008	5	24	20	1.0	1.0	1.0
2008	5	24	21	1.0	1.0	1.0
2008	5	24	22	1.0	1.0	1.0
2008	5	24	23	1.0	1.0	1.0
2008	5	24	24	1.0	1.0	1.0
2008	6	25	1	1.0	1.0	1.0
2008	6	25	2	1.0	1.0	1.0
2008	6	25	3	1.0	1.0	1.0
2008	6	25	4	1.0	1.0	1.0
2008	6	25	5	1.0	1.0	1.0
2008	6	25	6	1.0	1.0	1.0
2008	6	25	7	1.0	1.0	1.0
2008	6	25	8	1.0	1.0	1.0
2008	6	25	9	1.0	1.0	1.0
2008	6	25	10	1.0	1.0	1.0
2008	6	25	11	1.0	1.0	1.0
2008	6	25	12	1.0	1.0	1.0
2008	6	25	13	1.0	1.0	1.0
2008	6	25	14	1.0	1.0	1.0
2008	6	25	15	1.0	1.0	1.0
2008	6	25	16	1.0	1.0	1.0
2008	6	25	17	1.0	1.0	1.0
2008	6	25	18	1.0	1.0	1.0
2008	6	25	19	1.0	1.0	1.0
2008	6	25	20	1.0	1.0	1.0
2008	6	25	21	1.0	1.0	1.0
2008	6	25	22	1.0	1.0	1.0
2008	6	25	23	1.0	1.0	1.0
2008	6	25	24	1.0	1.0	1.0
2008	6	26	1	1.0	1.0	1.0
2008	6	26	2	1.0	1.0	1.0
2008	6	26	3	1.0	1.0	1.0
2008	6	26	4	1.0	1.0	1.0
2008	6	26	5	1.0	1.0	1.0
2008	6	26	6	1.0	1.0	1.0
2008	6	26	7	1.0	1.0	1.0
2008	6	26	8	1.0	1.0	1.0
2008	6	26	9	1.0	1.0	1.0
2008	6	26	10	1.0	1.0	1.0
2008	6	26	11	1.0	1.0	1.0
2008	6	26	12	1.0	1.0	1.0
2008	6	26	13	1.0	1.0	1.0
2008	6	26	14	1.0	1.0	1.0
2008	6	26	15	1.0	1.0	1.0
2008	6	26	16	1.0	1.0	1.0
2008	6	26	17	1.0	1.0	1.0
2008	6	26	18	1.0	1.0	1.0
2008	6	26	19	1.0	1.0	1.0
2008	6	26	20	1.0	1.0	1.0
2008	6	26	21	1.0	1.0	1.0
2008	6	26	22	1.0	1.0	1.0
2008	6	26	23	1.0	1.0	1.0
2008	6	26	24	1.0	1.0	1.0
2008	6	27	1	1.0	1.0	1.0
2008	6	27	2	1.0	1.0	1.0
2008	6	27	3	1.0	1.0	1.0
2008	6	27	4	1.0	1.0	1.0
2008	6	27	5	1.0	1.0	1.0
2008	6	27	6	1.0	1.0	1.0
2008	6	27	7	1.0	1.0	1.0
2008	6	27	8	1.0	1.0	1.0
2008	6	27	9	1.0	1.0	1.0
2008	6	27	10	1.0	1.0	1.0
2008	6	27	11	1.0	1.0	1.0
2008	6	27	12	1.0	1.0	1.0
2008	6	27	13	1.0	1.0	1.0
2008	6	27	14	1.0	1.0	1.0
2008	6	27	15	1.0	1.0	1.0
2008	6	27	16	1.0	1.0	1.0
2008	6	27	17	1.0	1.0	1.0
2008	6	27	18	1.0	1.0	1.0
2008	6	27	19	1.0	1.0	1.0
2008	6	27	20	1.0	1.0	1.0
2008	6	27	21	1.0	1.0	1.0
2008	6	27	22	1.0	1.0	1.0
2008	6	27	23	1.0	1.0	1.0
2008	6	27	24	1.0	1.0	1.0
2008	6	28	1	1.0	1.0	1.0
2008	6	28	2	1.0	1.0	1.0
2008	6	28	3	1.0	1.0	1.0
2008	6	28	4	1.0	1.0	1.0
2008	6	28	5	1.0	1.0	1.0
2008	6	28	6	1.0	1.0	1.0
2008	6	28	7	1.0	1.0	1.0
2008	6	28	8	1.0	1.0	1.0
2008	6	28	9	1.0	1.0	1.0
2008	6	28	10	1.0	1.0	1.0
2008	6	28	11	1.0	1.0	1.0
2008	6	28	12	1.0	1.0	1.0
2008	6	28	13	1.0	1.0	1.0
2008	6	28	14	1.0	1.0	1.0
2008	6	28	15	1.0	1.0	1.0
2008	6	28	16	1.0	1.0	1.0
2008	6	28	17	1.0	1.0	1.0
2008	6	28	18	1.0	1.0	1.0
2008	6	28	19	1.0	1.0	1.0
2008	6	28	20	1.0	1.0	1.0
2008	6	28	21	1.0	1.0	1.0
2008	6	28	22	1.0	1.0	1.0
2008	6	28	23	1.0	1.0	1.0
2008	6	28	24	1.0	1.0	1.0
2008	6	29	1	1.0	1.0	1.0
2008	6	29	2	1.0	1.0	1.0
2008	6	29	3	1.0	1.0	1.0
2008	6	29	4	1.0	1.0	1.0
2008	6	29	5	1.0	1.0	1.0
2008	6	29	6	1.0	1.0	1.0
2008	6	29	7	1.0	1.0	1.0
2008	6	29	8	1.0	1.0	1.0
2008	6	29	9	1.0	1.0	1.0
2008	6	29	10	1.0	1.0	1.0
2008	6	29	11	1.0	1.0	1.0
2008	6	29	12	1.0	1.0	1.0
2008	6	29	13	1.0	1.0	1.0
2008	6	29	14	1.0	1.0	1.0
2008	6	29	15	1.0	1.0	1.0
2008	6	29	16	1.0	1.0	1.0
2008	6	29	17	1.0	1.0	1.0
2008	6	29	18	1.0	1.0	1.0
2008	6	29	19	1.0	1.0	1.0
2008	6	29	20	1.0	1.0	1.0
2008	6	29	21	1.0	1.0	1.0
2008	6	29	22	1.0	1.0	1.0
2008	6	29	23	1.0	1.0	1.0
2008	6	29	24	1.0	1.0	1.0
2008	6	30	1	1.0	1.0	1.0
2008	6	30	2	1.0	1.0	1.0
2008	6	30	3	1.0	1.0	1.0
2008	6	30	4	1.0	1.0	1.0
2008	6	30	5	1.0	1.0	1.0
2008	6	30	6	1.0	1.0	1.0
2008	6	30	7	1.0	1.0	1.0
2008	6	30	8	1.0	1.0	1.0
2008	6	30	9	1.0	1.0	1.0
2008	6	30	10	1.0	1.0	1.0
2008	6	30	11	1.0	1.0	1.0
2008	6	30	12	1.0	1.0	1.0
2008	6	30	13	1.0	1.0	1.0
2008	6	30	14	1.0	1.0	1.0
2008	6	30	15	1.0	1.0	1.0
2008	6	30	16	1.0	1.0	1.0
2008	6	30	17	1.0	1.0	1.0
2008	6	30	18	1.0	1.0	1.0
2008	6	30	19	1.0	1.0	1.0
2008	6	30	20	1.0	1.0	1.0
2008	6	30	21	1.0	1.0	1.0
2008	6	30	22	1.0	1.0	1.0
2008	6	30	23	1.0	1.0	1.0
2008	6	30	24	1.0	1.0	1.0

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File: PTN20.HCP

Hourly Capacity Pattern 20 (continued)

Yr	Prd	Start Day	Hr	Multiplier	Cap Multiplier	OM Multiplier
2008	7	22	7	1.0	0.0	1.0
2008	7	22	22	0.0	1.0	1.0
2008	7	23	1	0.0	0.0	1.0
2008	7	23	7	1.0	0.0	1.0
2008	7	23	22	0.0	1.0	1.0
2008	7	24	1	0.0	0.0	1.0
2008	7	24	7	1.0	0.0	1.0
2008	7	24	22	0.0	1.0	1.0
2008	7	25	1	0.0	0.0	1.0
2008	7	25	7	1.0	0.0	1.0
2008	7	25	22	0.0	1.0	1.0
2008	7	26	1	0.0	0.0	1.0
2008	7	26	7	1.0	0.0	1.0
2008	7	26	22	0.0	1.0	1.0
2008	7	27	1	0.0	0.0	1.0
2008	7	27	7	1.0	0.0	1.0
2008	7	27	22	0.0	1.0	1.0
2008	7	28	1	0.0	0.0	1.0
2008	7	28	7	1.0	0.0	1.0
2008	7	28	22	0.0	1.0	1.0
2008	7	29	1	0.0	0.0	1.0
2008	7	29	7	1.0	0.0	1.0
2008	7	29	22	0.0	1.0	1.0
2008	7	30	1	0.0	0.0	1.0
2008	7	30	7	1.0	0.0	1.0
2008	7	30	22	0.0	1.0	1.0
2008	7	31	1	0.0	0.0	1.0
2008	7	31	7	1.0	0.0	1.0
2008	7	31	22	0.0	1.0	1.0
2008	8	1	1	0.0	0.0	1.0
2008	8	1	7	1.0	0.0	1.0
2008	8	1	22	0.0	1.0	1.0
2008	8	2	1	0.0	0.0	1.0
2008	8	2	7	1.0	0.0	1.0
2008	8	2	22	0.0	1.0	1.0
2008	8	3	1	0.0	0.0	1.0
2008	8	3	7	1.0	0.0	1.0
2008	8	3	22	0.0	1.0	1.0
2008	8	4	1	0.0	0.0	1.0
2008	8	4	7	1.0	0.0	1.0
2008	8	4	22	0.0	1.0	1.0
2008	8	5	1	0.0	0.0	1.0
2008	8	5	7	1.0	0.0	1.0
2008	8	5	22	0.0	1.0	1.0
2008	8	6	1	0.0	0.0	1.0
2008	8	6	7	1.0	0.0	1.0
2008	8	6	22	0.0	1.0	1.0
2008	8	7	1	0.0	0.0	1.0
2008	8	7	7	1.0	0.0	1.0
2008	8	7	22	0.0	1.0	1.0
2008	8	8	1	0.0	0.0	1.0
2008	8	8	7	1.0	0.0	1.0
2008	8	8	22	0.0	1.0	1.0
2008	8	9	1	0.0	0.0	1.0
2008	8	9	7	1.0	0.0	1.0
2008	8	9	22	0.0	1.0	1.0
2008	8	10	1	0.0	0.0	1.0
2008	8	10	7	1.0	0.0	1.0
2008	8	10	22	0.0	1.0	1.0
2008	8	11	1	0.0	0.0	1.0
2008	8	11	7	1.0	0.0	1.0
2008	8	11	22	0.0	1.0	1.0

Hourly Capacity Pattern 20 (continued)

Yr	Prd	Start Day	Hr	Multiplier	Cap Multiplier	OM Multiplier
2008	9	30	7	1.0	0.0	1.0
2008	9	30	8	1.0	1.0	1.0
2008	9	30	9	1.0	1.0	1.0
2008	9	30	10	1.0	1.0	1.0
2008	9	30	11	1.0	1.0	1.0
2008	9	30	12	1.0	1.0	1.0
2008	9	30	13	1.0	1.0	1.0
2008	9	30	14	1.0	1.0	1.0
2008	9	30	15	1.0	1.0	1.0
2008	9	30	16	1.0	1.0	1.0
2008	9	30	17	1.0	1.0	1.0
2008	9	30	18	1.0	1.0	1.0
2008	9	30	19	1.0	1.0	1.0
2008	9	30	20	1.0	1.0	1.0
2008	9	30	21	1.0	1.0	1.0
2008	9	30	22	1.0	1.0	1.0
2008	9	30	23	1.0	1.0	1.0
2008	9	30	24	1.0	1.0	1.0
2008	10	1	1	1.0	1.0	1.0
2008	10	1	2	1.0	1.0	1.0
2008	10	1	3	1.0	1.0	1.0
2008	10	1	4	1.0	1.0	1.0
2008	10	1	5	1.0	1.0	1.0
2008	10	1	6	1.0	1.0	1.0
2008	10	1	7	1.0	1.0	1.0
2008	10	1	8	1.0	1.0	1.0
2008	10	1	9	1.0	1.0	1.0
2008	10	1	10	1.0	1.0	1.0
2008	10	1	11	1.0	1.0	1.0
2008	10	1	12	1.0	1.0	1.0
2008	10	1	13	1.0	1.0	1.0
2008	10	1	14	1.0	1.0	1.0
2008	10	1	15	1.0	1.0	1.0
2008	10	1	16	1.0	1.0	1.0
2008	10	1	17	1.0	1.0	1.0
2008	10	1	18	1.0	1.0	1.0
2008	10	1	19	1.0	1.0	1.0
2008	10	1	20	1.0	1.0	1.0
2008	10	1	21	1.0	1.0	1.0
2008	10	1	22	1.0	1.0	1.0
2008	10	1	23	1.0	1.0	1.0
2008	10	1	24	1.0	1.0	1.0
2008	10	2	1	1.0	1.0	1.0
2008	10	2	2	1.0	1.0	1.0
2008	10	2	3	1.0	1.0	1.0
2008	10	2	4	1.0	1.0	1.0
2008	10	2	5	1.0	1.0	1.0
2008	10	2	6	1.0	1.0	1.0
2008	10	2	7	1.0	1.0	1.0
2008	10	2	8	1.0	1.0	1.0
2008	10	2	9	1.0	1.0	1.0
2008	10	2	10	1.0	1.0	1.0
2008	10	2	11	1.0	1.0	1.0
2008	10	2	12	1.0	1.0	1.0
2008	10	2	13	1.0	1.0	1.0
2008	10	2	14	1.0	1.0	1.0
2008	10	2	15	1.0	1.0	1.0
2008	10	2	16	1.0	1.0	1.0
2008	10	2	17	1.0	1.0	1.0
2008	10	2	18	1.0	1.0	1.0
2008	10	2	19	1.0	1.0	1.0
2008	10	2	20	1.0	1.0	1.0
2008	10	2	21	1.0	1.0	1.0
2008	10	2	22	1.0	1.0	1.0
2008	10	2	23	1.0	1.0	1.0
2008	10	2	24	1.0	1.0	1.0
2008	10	3	1	1.0	1.0	1.0
2008	10	3	2	1.0	1.0	1.0
2008	10	3	3	1.0	1.0	1.0
2008	10	3	4	1.0	1.0	1.0
2008	10	3	5	1.0	1.0	1.0
2008	10	3	6	1.0	1.0	1.0
2008	10	3	7	1.0	1.0	1.0
2008	10	3	8	1.0	1.0	1.0
2008	10	3	9	1.0	1.0	1.0
2008	10	3	10	1.0	1.0	1.0
2008	10	3	11	1.0	1.0	1.0
2008	10	3	12	1.0	1.0	1.0
2008	10	3	13	1.0	1.0	1.0
2008	10	3	14	1.0	1.0	1.0
2008	10	3	15	1.0	1.0	1.0
2008	10	3	16	1.0	1.0	1.0
2008	10	3	17	1.0	1.0	1.0
2008	10	3	18	1.0	1.0	1.0
2008	10	3	19	1.0	1.0	1.0
2008	10	3	20	1.0	1.0	1.0
2008	10	3	21	1.0	1.0	1.0
2008	10	3	22	1.0	1.0	1.0
2008	10	3	23	1.0	1.0	1.0
2008	10	3	24	1.0	1.0	1.0
2008	10	4	1	1.0	1.0	1.0
2008	10	4	2	1.0	1.0	1.0
2008	10	4	3	1.0	1.0	1.0
2008	10	4	4	1.0	1.0	1.0
2008	10	4	5	1.0	1.0	1.0
2008	10	4	6	1.0	1.0	1.0
2008	10	4	7	1.0	1.0	1.0
2008	10	4	8	1.0	1.0	1.0
2008	10	4	9	1.0	1.0	1.0
2008	10	4	10	1.0	1.0	1.0
2008	10	4	11	1.0	1.0	1.0
2008	10	4	12	1.0	1.0	1.0
2008	10	4	13	1.0	1.0	1.0
2008	10	4	14	1.0	1.0	1.0
2008	10	4	15	1.0	1.0	1.0
2008	10	4	16	1.0	1.0	1.0
2008	10	4	17	1.0	1.0	1.0
2008	10	4	18	1.0	1.0	1.0
2008	10	4	19	1.0	1.0	1.0
2008	10	4	20	1.0	1.0	1.0
2008	10	4	21	1.0	1.0	1.0
2008	10	4	22	1.0	1.0	1.0
2008	10	4	23	1.0	1.0	1.0
2008	10	4	24	1.0	1.0	1.0
2008	10	5	1	1.0	1.0	1.0
2008	10	5	2	1.0	1.0	1.0
2008	10	5	3	1.0	1.0	1.0
2008	10	5	4	1.0	1.0	1.0
2008	10	5	5	1.0	1.0	1.0
2008	10	5	6	1.0	1.0	1.0
2008	10	5	7	1.0	1.0	1.0
2008	10	5	8	1.0	1.0	1.0
2008	10	5	9	1.0	1.0	1.0
2008	10	5	10	1.0	1.0	1.0
2008	10	5	11	1.0	1.0	1.0
2008	10	5	12	1.0	1.0	1.0
2008	10	5	13	1.0	1.0	1.0
2008	10	5	14	1.0	1.0	1.0
2008	10	5	15	1.0	1.0	1.0
2008	10	5	16	1.0	1.0	1.0
2008	10	5	17	1.0	1.0	1.0
2008	10	5	18	1.0	1.0	1.0
2008	10	5	19	1.0	1.0	1.0
2008	10	5	20	1.0	1.0	1.0
2008	10	5	21	1.0	1.0	1.0
2008	10	5	22	1.0	1.0	1.0
2008	10	5	23	1.0	1.0	1.0
2008	10	5	24	1.0	1.0	1.0
2008	10	6	1	1.0	1.0	1.0
2008	10	6	2	1.0	1.0	1.0
2008	10	6	3	1.0	1.0	1.0
2008	10	6	4	1.0	1.0	1.0
2008	10	6	5	1.0	1.0	1.0
2008	10	6	6	1.0	1.0	1.0
2008	10	6	7	1.0	1.0	1.0
2008	10	6	8	1.0	1.0	1.0
2008	10	6	9	1.0	1.0	1.0
2008	10	6	10	1.0	1.0	1.0
2008	10	6	11	1.0	1.0	1.0
2008	10	6	12	1.0	1.0	1.0
2008	10	6	13	1.0	1.0	1.0
2008	10	6	14	1.0	1.0	1.0
2008	10	6	15	1.0	1.0	1.0
2008	10	6	16	1.0	1.0	1.0
2008	10	6	17	1.0	1.0	1.0
2008	10	6	18	1.0	1.0	1.0
2008	10	6	19	1.0	1.0	1.0
2008	10	6	20	1.0	1.0	1.0
2008	10	6	21	1.0	1.0	1.0
2008	10	6	22	1.0	1.0	1.0
2008	10	6	23	1.0	1.0	1.0
2008	10	6	24	1.0	1.0	1.0
2008	10	7	1	1.0	1.0	1.0
2008	10	7	2	1.0	1.0	1.0
2008	10	7	3	1.0	1.0	1.0
2008	10	7	4	1.0	1.0	1.0
2008	10	7	5	1.0	1.0	1.0
2008	10	7	6	1.0	1.0	1.0
2008	10	7	7	1.0	1.0	1.0
2008	10	7	8	1.0	1.0	1.0
2008	10	7	9	1.0	1.0	1.0
2008	10	7	10	1.0	1.0	1.0
2008	10	7	11	1.0	1.0	1.0
2008	10	7	12	1.0	1.0	1.0
2008	10	7	13	1.0	1.0	1.0
2008	10	7	14	1.0	1.0	1.0
2008	10	7	15	1.0	1.0	1.0
2008	10	7	16	1.0	1.0	1.0
2008	10	7	17	1.0	1.0	1.0
2008	10	7	18	1.0	1.0	1.0
2008	10	7	19	1.0	1.0	1.0
2008	10	7	20	1.0	1.0	1.0
2008	10	7	21	1.0	1.0	1.0
2008	10	7	22	1.0	1.0	1.0
2008	10	7	23	1.0	1.0	1.0
2008	10	7	24	1.0	1.0	1.0

File: PTN20.HCP

PP LUS program licensed to HECO

Hourly Capacity Pattern 20 (continued)

Yr	Prd	Start Day	Hr	Multiplier	Cap Multiplier	OM Multiplier
2008	11	25	7	1.0	1.0	1.0
2008	11	25	8	1.0	1.0	1.0
2008	11	25	9	1.0	1.0	1.0
2008	11	25	10	1.0	1.0	1.0
2008	11	25	11	1.0	1.0	1.0
2008	11	25	12	1.0	1.0	1.0
2008	11	25	13	1.0	1.0	1.0
2008	11	25	14	1.0	1.0	1.0
2008	11	25	15	1.0	1.0	1.0
2008	11	25	16	1.0	1.0	1.0
2008	11	25	17	1.0	1.0	1.0
2008	11	25	18	1.0	1.0	1.0
2008	11	25	19	1.0	1.0	1.0
2008	11	25	20	1.0	1.0	1.0
2008	11	25	21	1.0	1.0	1.0
2008	11	25	22	1.0	1.0	1.0
2008	11	25	23	1.0	1.0	1.0
2008	11	25	24	1.0	1.0	1.0
2008	11	26	1	1.0	1.0	1.0
2008	11	26	2	1.0	1.0	1.0
2008	11	26	3	1.0	1.0	1.0
2008	11	26	4	1.0	1.0	1.0
2008	11	26	5	1.0	1.0	1.0
2008	11	26	6	1.0	1.0	1.0
2008	11	26	7	1.0	1.0	1.0
2008	11	26	8	1.0	1.0	1.0
2008	11	26	9	1.0	1.0	1.0
2008	11	26	10	1.0	1.0	1.0
2008	11	26	11	1.0	1.0	1.0
2008	11	26	12	1.0	1.0	1.0
2008	11	26	13	1.0	1.0	1.0
2008	11	26	14	1.0	1.0	1.0
2008	11	26	15	1.0	1.0	1.0
2008	11	26	16	1.0	1.0	1.0
2008	11	26	17	1.0	1.0	1.0
2008	11	26	18	1.0	1.0	1.0
2008	11	26	19	1.0	1.0	1.0
2008	11	26	20	1.0	1.0	1.0
2008	11	26	21	1.0	1.0	1.0
2008	11	26	22	1.0	1.0	1.0
2008	11	26	23	1.0	1.0	1.0
2008	11	26	24	1.0	1.0	1.0
2008	12	1	1	1.0	1.0	1.0
2008	12	1	2	1.0	1.0	1.0
2008	12	1	3	1.0	1.0	1.0
2008	12	1	4	1.0	1.0	1.0
2008	12	1	5	1.0	1.0	1.0
2008	12	1	6	1.0	1.0	1.0
2008	12	1	7	1.0	1.0	1.0
2008	12	1	8	1.0	1.0	1.0
2008	12	1	9	1.0	1.0	1.0
2008	12	1	10	1.0	1.0	1.0
2008	12	1	11	1.0	1.0	1.0
2008	12	1	12	1.0	1.0	1.0
2008	12	1	13	1.0	1.0	1.0
2008	12	1	14	1.0	1.0	1.0
2008	12	1	15	1.0	1.0	1.0
2008	12	1	16	1.0	1.0	1.0
2008	12	1	17	1.0	1.0	1.0
2008	12	1	18	1.0	1.0	1.0
2008	12	1	19	1.0	1.0	1.0
2008	12	1	20	1.0	1.0	1.0
2008	12	1	21	1.0	1.0	1.0
2008	12	1	22	1.0	1.0	1.0
2008	12	1	23	1.0	1.0	1.0
2008	12	1	24	1.0	1.0	1.0
2008	12	2	1	1.0	1.0	1.0
2008	12	2	2	1.0	1.0	1.0
2008	12	2	3	1.0	1.0	1.0
2008	12	2	4	1.0	1.0	1.0
2008	12	2	5	1.0	1.0	1.0
2008	12	2	6	1.0	1.0	1.0
2008	12	2	7	1.0	1.0	1.0
2008	12	2	8	1.0	1.0	1.0
2008	12	2	9	1.0	1.0	1.0
2008	12	2	10	1.0	1.0	1.0
2008	12	2	11	1.0	1.0	1.0
2008	12	2	12	1.0	1.0	1.0
2008	12	2	13	1.0	1.0	1.0
2008	12	2	14	1.0	1.0	1.0
2008	12	2	15	1.0	1.0	1.0
2008	12	2	16	1.0	1.0	1.0
2008	12	2	17	1.0	1.0	1.0
2008	12	2	18	1.0	1.0	1.0
2008	12	2	19	1.0	1.0	1.0
2008	12	2	20	1.0	1.0	1.0
2008	12	2	21	1.0	1.0	1.0
2008	12	2	22	1.0	1.0	1.0
2008	12	2	23	1.0	1.0	1.0
2008	12	2	24	1.0	1.0	1.0
2008	12	3	1	1.0	1.0	1.0
2008	12	3	2	1.0	1.0	1.0
2008	12	3	3	1.0	1.0	1.0
2008	12	3	4	1.0	1.0	1.0
2008	12	3	5	1.0	1.0	1.0
2008	12	3	6	1.0	1.0	1.0
2008	12	3	7	1.0	1.0	1.0
2008	12	3	8	1.0	1.0	1.0
2008	12	3	9	1.0	1.0	1.0
2008	12	3	10	1.0	1.0	1.0
2008	12	3	11	1.0	1.0	1.0
2008	12	3	12	1.0	1.0	1.0
2008	12	3	13	1.0	1.0	1.0
2008	12	3	14	1.0	1.0	1.0
2008	12	3	15	1.0	1.0	1.0
2008	12	3	16	1.0	1.0	1.0
2008	12	3	17	1.0	1.0	1.0
2008	12	3	18	1.0	1.0	1.0
2008	12	3	19	1.0	1.0	1.0
2008	12	3	20	1.0	1.0	1.0
2008	12	3	21	1.0	1.0	1.0
2008	12	3	22	1.0	1.0	1.0
2008	12	3	23	1.0	1.0	1.0
2008	12	3	24	1.0	1.0	1.0
2008	12	4	1	1.0	1.0	1.0
2008	12	4	2	1.0	1.0	1.0
2008	12	4	3	1.0	1.0	1.0
2008	12	4	4	1.0	1.0	1.0
2008	12	4	5	1.0	1.0	1.0
2008	12	4	6	1.0	1.0	1.0
2008	12	4	7	1.0	1.0	1.0
2008	12	4	8	1.0	1.0	1.0
2008	12	4	9	1.0	1.0	1.0
2008	12	4	10	1.0	1.0	1.0
2008	12	4	11	1.0	1.0	1.0
2008	12	4	12	1.0	1.0	1.0
2008	12	4	13	1.0	1.0	1.0
2008	12	4	14	1.0	1.0	1.0
2008	12	4	15	1.0	1.0	1.0
2008	12	4	16	1.0	1.0	1.0
2008	12	4	17	1.0	1.0	1.0
2008	12	4	18	1.0	1.0	1.0
2008	12	4	19	1.0	1.0	1.0
2008	12	4	20	1.0	1.0	1.0
2008	12	4	21	1.0	1.0	1.0
2008	12	4	22	1.0	1.0	1.0
2008	12	4	23	1.0	1.0	1.0
2008	12	4	24	1.0	1.0	1.0

Table A-3
Year 2008 Annual Production Report

Kahului Power Plant

	[MX011] Gross KWH Generation	[MX404] Less Station Use	[MX031] Net KWH Generation	[MX151] Barrels Consumed	Fuel Oil Cost	Fuel Oil Handling Additives	Total Fuel Cost	[MX160] MBTUS Consumed	MBTU Per Net KWH	Cost/ MBTU
JAN	17,770,600	927,940	16,842,660	38,664.28	3,347,661.43	19,107.07	3,366,768.50	243,584.95	14,462.38	1,382.17
FEB	17,054,600	842,960	16,211,640	36,562.35	3,259,292.04	18,178.32	3,277,470.36	230,342.79	14,208.48	1,422.87
MAR	16,465,400	813,630	15,651,770	35,289.84	2,999,587.05	19,029.57	3,018,616.62	222,326.00	14,204.53	1,357.74
APR	14,133,600	707,380	13,426,220	30,044.93	2,448,592.94	17,930.47	2,466,523.41	189,283.08	14,098.02	1,303.09
MAY	19,266,400	948,090	18,318,310	41,193.66	3,587,580.35	18,191.43	3,605,771.78	259,520.04	14,167.25	1,389.40
JUN	12,355,300	654,460	11,700,840	27,424.90	2,416,092.39	17,669.58	2,433,761.97	172,776.86	14,766.19	1,408.62
JUL	14,551,600	780,160	13,771,440	32,565.64	3,010,494.31	2,780.39	3,013,274.70	205,163.50	14,897.75	1,468.72
AUG	20,157,900	1,076,380	19,081,520	43,937.01	4,551,627.86	19,508.91	4,571,136.77	276,803.14	14,506.35	1,651.40
SEP	20,120,600	1,045,090	19,075,510	43,858.51	5,101,534.64	21,228.73	5,122,763.37	276,308.64	14,484.99	1,854.00
OCT	21,262,500	1,077,910	20,184,590	46,436.27	5,589,547.85	38,130.82	5,627,678.67	292,548.51	14,493.66	1,923.67
NOV	21,349,400	1,070,170	20,279,230	47,150.05	5,029,297.88	1,617.79	5,030,915.67	297,045.32	14,647.76	1,693.65
DEC	19,543,900	1,002,140	18,541,760	42,576.63	3,762,091.98	39,539.48	3,801,631.46	268,232.75	14,466.41	1,417.29
YTD	214,031,800	10,946,310	203,085,490	465,704.06	45,103,400.72	232,912.56	45,336,313.28	2,933,935.58	14,446.80	1,545.24

Maalaea Power Plant

*Includes Har	[MX012] Gross KWH Generation	[MX403] Less Station Use	[MX032] Net KWH Generation	Diesel Barrels Consumed	Biodiesel for Testing Barrels Consumed	[MX152] Total Barrels Consumed	Diesel Cost	Biodiesel for Startup Cost	Biodiesel for Testing Cost	Total Fuel Cost	Diesel MBTUS Consumed	Biodiesel for Testing MBTUS Consumed	[MX161] Total MBTUS Consumed	MBTU Per Net KWH	Cost/ MBTU	Maui Heat Rate
JAN	68,377,616	2,580,800	65,796,816	103,968.03		103,968.03	12,719,683.34	23,342.31		12,743,025.65	609,252.62		609,252.62	9,259.61	2,091.58	10,319.98
FEB	71,454,840	2,492,180	68,962,660	107,162.44		107,162.44	12,908,262.54	21,890.52		12,930,153.06	627,971.90		627,971.90	9,105.97	2,059.03	10,077.16
MAR	77,760,312	2,761,040	74,999,272	119,080.01		119,080.01	14,267,849.04	9,631.44		14,277,480.48	697,808.84		697,808.84	9,304.21	2,046.04	10,150.30
APR	74,814,516	2,667,520	72,146,996	112,228.90		112,228.90	14,031,370.26	38,606.76		14,069,977.02	657,661.34		657,661.34	9,115.57	2,139.40	9,897.31
MAY	73,478,576	2,739,880	70,738,696	109,988.92		109,988.92	15,671,626.28	23,108.49		15,694,734.77	644,535.05		644,535.05	9,111.49	2,435.05	10,151.42
JUN	78,364,560	2,797,180	75,567,380	118,312.71		118,312.71	17,935,590.84	25,109.46		17,960,700.30	693,312.45		693,312.45	9,174.76	2,590.56	9,924.45
JUL	82,048,922	2,982,620	79,066,302	122,606.34		122,606.34	20,252,773.20	41,020.32		20,293,793.52	718,473.17		718,473.17	9,086.97	2,824.57	9,948.94
AUG	70,555,121	2,723,120	67,832,001	106,172.24		106,172.24	18,761,197.62	44,604.34		18,805,801.96	622,169.33		622,169.33	9,172.21	3,022.62	10,343.30
SEP	69,123,478	2,583,760	66,539,718	104,065.03		104,065.03	17,854,698.82	44,858.88		17,899,557.70	609,821.06		609,821.06	9,164.77	2,935.21	10,350.14
OCT	71,395,488	2,624,600	68,770,888	107,977.74		107,977.74	16,367,253.08	55,969.03		16,423,222.11	632,749.57		632,749.57	9,200.83	2,595.53	10,401.81
NOV	66,209,074	2,428,480	63,780,594	103,960.57		103,960.57	14,770,156.11	33,423.62		14,803,579.73	609,208.97		609,208.97	9,551.64	2,429.97	10,781.06
DEC	71,761,901	2,579,600	69,182,301	112,026.00		112,026.00	13,670,409.35	78,579.68		13,748,989.03	656,472.33		656,472.33	9,489.02	2,094.37	10,541.07
YTD	875,344,404	31,960,780	843,383,624	1,327,548.91	0.00	1,327,548.91	189,210,870.48	440,144.85	0.00	189,651,015.33	7,779,436.63	0.00	7,779,436.63	9,224.08	2,437.85	10,237.64